

CVRP

May 5, 2022

1 VRP Demo with SCIP

This file is intended to build the model for the CVRP using SCIP

```
[1]: from pycscipopt import Model, Pricer, SCIP_RESULT, SCIP_STAGE
import warnings
warnings.simplefilter(action='ignore', category=FutureWarning)
import networkx as nx
import random
import matplotlib.pyplot as plt
import numpy as np

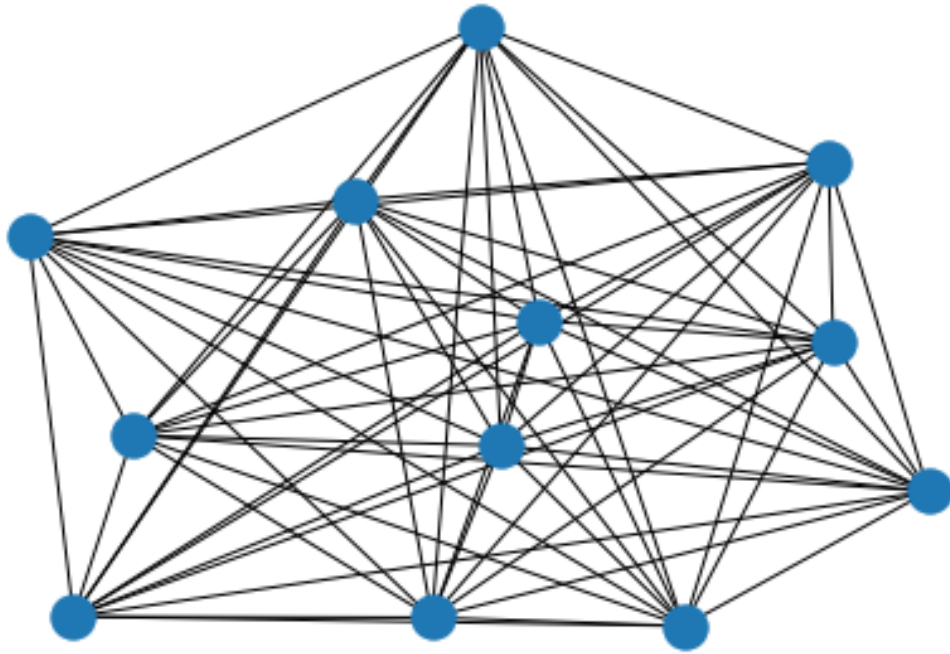
from cffi import FFI
ffi = FFI()
labelling_lib = ffi.dlopen("Labelling/labelling_lib.so")

funDefs = "void initGraph(unsigned num_nodes, unsigned* node_data, double*
↳edge_data, const double capacity); void labelling(double const * dual,const
↳bool farkas, unsigned* result);"
ffi.cdef(funDefs, override=True)

[2]: # Create Graph
G = nx.complete_graph(12)
for (u, v) in G.edges():
    G.edges[u,v]['weight'] = random.randint(1,10)

for node in G.nodes():
    G.nodes()[node]['demand'] = random.randint(1,10)

nx.draw(G)
```



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[3]: # Create Simple Graph for correctness
G = nx.complete_graph(4)
G.remove_edge(0,3)
for (u, v) in G.edges():
    G.edges[u,v]['weight'] = 1
G.edges[1,2]['weight'] = 1

for node in G.nodes():
    G.nodes()[node]['demand'] = 1

# nx.draw(G,with_labels=True)
```

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[3]: class VRP(Model):
    def __init__(self,graph):
        super().__init__()

        self.original_graph = graph
        self.graph = graph.copy()
        self.vars = {}
        self.cons = []
```

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[4]: class VRPPricer(Pricer):
    def pricerinit(self):
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        self.data['cons'] = [self.model.getTransformedCons(con) for con in self.
↪model.cons]
        self.data['vars'] = {path:self.model.getTransformedVar(var) for
↪(path,var) in self.model.vars.items()}

        print(f" There are {len(self.model.getConss())} constraints in the
↪model and {len(self.data['cons'])} of them are known to the pricer.")

        node_data = list(nx.get_node_attributes(self.model.graph,"demand").
↪values())
        if not np.all(np.array(node_data)):
            print("PRICER_PY: The demands of all nodes must be > 0.")
        print(node_data)
        nodes_arr = ffi.cast("unsigned*", np.array(node_data).astype(np.uintc).
↪ctypes.data)

        edges = nx.adjacency_matrix(self.model.graph,dtype=np.double).toarray()
        edges_arr = ffi.cast("double*", edges.ctypes.data)

        num_nodes = ffi.cast("unsigned",self.model.graph.number_of_nodes())

        capacity_ptr = ffi.cast("double",self.data['capacity'])
        labelling_lib.initGraph(num_nodes,nodes_arr,edges_arr, capacity_ptr)

    def pricerfarkas(self):
#         print("Farkas Pricing has been called.")
        dual = [self.model.getDualfarkasLinear(con) for con in self.
↪data['cons']]
        print(f"Farkas Values are {dual}")
        return self.labelling(dual, farkas=True)

    def pricerredcost(self):
        pi = [self.model.getDualsolLinear(con) for con in self.data['cons']]
        print(f"Dual variables are {pi}")
        return self.labelling(pi)

    def labelling(self, dual,farkas=False):
        pointer_dual = ffi.cast("double*", np.array(dual,dtype=np.double).
↪ctypes.data)

        # TODO: Possible improvement: result can be reused every time
        result = np.zeros(self.data['capacity'] + 10,dtype=np.uintc)
        # Should be capacity + 2, but I gave it a little more room
        result_arr = ffi.cast("unsigned*",result.ctypes.data)

        labelling_lib.labelling(pointer_dual, False,result_arr)

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        if(result[0] == 1):
            print("There are no paths with negative reduced costs")
            # There are no paths with negative reduced costs
            return {'result':SCIP_RESULT.SUCCESS}

        print(result)
        result_indices = np.insert(np.nonzero(result),0,0)
#         print(np.insert(np.nonzero(result),0,0))
        path = tuple(result[result_indices])
        print(f"Labelling found path {path} with negative reduced cost")
        if path in self.data['vars'].keys():
            cost = self.model.getVarRedcost(self.data['vars'][path])
            print(f"Path already in variables with reduced cost {cost} with_
↪farkas {farkas}.")
            return {'result':SCIP_RESULT.SUCCESS}

        var = self.model.addVar(vtype="I",obj=nx.path_weight(self.model.
↪graph,path,"weight"),pricedVar=True)
        weight = nx.path_weight(self.model.graph,path,"weight")
        print(f"Added {path} with path weight {weight}")
        counts = np.unique(path[1:-1], return_counts=True)
        for i, node in enumerate(counts[0]):
            print(f"There are {counts[1][i]} occurrences of node {node}")
            self.model.addConsCoeff(self.data['cons'][node-1], var,
↪counts[1][i])

        self.model.addConsCoeff(self.data['cons'][-1], var, 1)
        self.data['vars'][tuple(path)] = var

        return {'result':SCIP_RESULT.SUCCESS}

```

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[5]: model = VRP(G)
num_vehicles = 12

# Create pricer
pricer = VRPPricer()
pricer.data = {}
pricer.data["capacity"] = 30
pricer.data["num_vehicles"] = num_vehicles
model.includePricer(pricer, "pricer","does pricing")

# Create a valid set of variables and the constraints to it
for i in range(1,G.number_of_nodes()-1):
    path = (0,i,G.number_of_nodes()-1)
    cost = nx.path_weight(G,path,"weight")
    var = model.addVar(vtype="I",obj=cost)

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model.vars[path] = var
cons = model.addCons(var == 1, name=str(node),modifiable=True)
model.cons.append(cons)

# Add the convexity constraint, which limits the number of available vehicles
convexity_constraint = model.addCons(sum(model.vars.values()) <= num_vehicles,
↳modifiable=True)
model.cons.append(convexity_constraint)

model.hideOutput()
model.optimize()
model.hideOutput(quiet=False)
model.printBestSol()
print(pricer.data['vars'])

```

There are 11 constraints in the model and 11 of them are known to the pricer.
 [8, 10, 8, 7, 6, 5, 5, 2, 5, 5, 6, 4]
 Dual variables are [14.0, 10.0, 9.0, 20.0, 12.0, 9.0, 17.0, 13.0, 11.0, 12.0, -0.0]
 Graph data successfully copied to C.

```

PRICER_C: Capacity is 30
PRICER_C: Found path with load 18
Path is currently at node 2 with load 8
PRICER_C: Found path with load 17
Path is currently at node 3 with load 7
PRICER_C: Found path with load 16
Path is currently at node 4 with load 6
PRICER_C: Found path with load 15
Path is currently at node 5 with load 5
PRICER_C: Found path with load 15
Path is currently at node 6 with load 5
PRICER_C: Found path with load 12
Path is currently at node 7 with load 2
PRICER_C: Found path with load 15
Path is currently at node 8 with load 5
PRICER_C: Found path with load 15
Path is currently at node 9 with load 5
PRICER_C: Found path with load 16
Path is currently at node 10 with load 6
PRICER_C: Found path with load 18
Path is currently at node 1 with load 10
PRICER_C: Found path with load 15
Path is currently at node 3 with load 7
PRICER_C: Found path with load 14
Path is currently at node 4 with load 6
PRICER_C: Found path with load 13
Path is currently at node 5 with load 5

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PRICER_C: Found path with load 13
Path is currently at node 6 with load 5
PRICER_C: Found path with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 13
Path is currently at node 8 with load 5
PRICER_C: Found path with load 13
Path is currently at node 9 with load 5
PRICER_C: Found path with load 14
Path is currently at node 10 with load 6
PRICER_C: Found path with load 17
Path is currently at node 1 with load 10
PRICER_C: Found path with load 13
Path is currently at node 4 with load 6
PRICER_C: Found path with load 9
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PRICER_C: Found path with load 12
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PRICER_C: Found path with load 13
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PRICER_C: Found path with load 16
Path is currently at node 1 with load 10
PRICER_C: Found path with load 14
Path is currently at node 2 with load 8
PRICER_C: Found path with load 13
Path is currently at node 3 with load 7
PRICER_C: Found path with load 11
Path is currently at node 5 with load 5
PRICER_C: Found path with load 11
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PRICER_C: Found path with load 8
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PRICER_C: Found path with load 11
Path is currently at node 8 with load 5
PRICER_C: Found path with load 11
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PRICER_C: Found path with load 12
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PRICER_C: Found path with load 10
Path is currently at node 6 with load 5

PRICER_C: Found path with load 7
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PRICER_C: Found path with load 10
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PRICER_C: Found path with load 10
Path is currently at node 9 with load 5
PRICER_C: Found path with load 11
Path is currently at node 10 with load 6
PRICER_C: Found path with load 10
Path is currently at node 5 with load 5
PRICER_C: Found path with load 12
Path is currently at node 1 with load 10
PRICER_C: Found path with load 10
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PRICER_C: Found path with load 9
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PRICER_C: Found path with load 7
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PRICER_C: Found path with load 8
Path is currently at node 10 with load 6
PRICER_C: Found path with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 28
Path is currently at node 1 with load 10
Path is currently at node 2 with load 8
PRICER_C: Found path with load 25
Path is currently at node 3 with load 7
Path is currently at node 2 with load 8
PRICER_C: Found path with load 24
Path is currently at node 4 with load 6
Path is currently at node 2 with load 8
PRICER_C: Found path with load 23
Path is currently at node 5 with load 5
Path is currently at node 2 with load 8
PRICER_C: Found path with load 20
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
PRICER_C: Found path with load 23
Path is currently at node 8 with load 5
Path is currently at node 2 with load 8

PRICER_C: Found path with load 24
Path is currently at node 10 with load 6
Path is currently at node 2 with load 8
PRICER_C: Found path with load 27
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PRICER_C: Found path with load 24
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PRICER_C: Found path with load 23
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PRICER_C: Found path with load 22
Path is currently at node 10 with load 6
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PRICER_C: Found path with load 25
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PRICER_C: Found path with load 20
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Path is currently at node 9 with load 5
PRICER_C: Found path with load 23
Path is currently at node 8 with load 5
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0 0 0 0 0
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PRICER_C: Found path with load 15
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Path is currently at node 7 with load 2
PRICER_C: Found path with load 17
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
PRICER_C: Found path with load 14
Path is currently at node 8 with 1
Labelling found path (0, 1, 4, 5, 6, 11) with negative reduced cost
Added (0, 1, 4, 5, 6, 11) with path weight 18
There are 1 occurrences of node 1
There are 1 occurrences of node 4
There are 1 occurrences of node 5
There are 1 occurrences of node 6
Dual variables are [14.0, 10.0, 9.0, 20.0, 12.0, -28.0, 17.0, 13.0, 11.0, 12.0,
-0.0]
oad 5
Path is currently at node 7 with load 2
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Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
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PRICER_C: Found path with load 16
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PRICER_C: Found path with load 13

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PRICER_C: Found path with load 13
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PRICER_C: Found path with load 12
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Path is currently at node 9 with load 5
PRICER_C: Found path with load 12
Path is currently at node 6 with load 5
Path is currently at node 9 with load 5
PRICER_C: Found path with load 15
Path is currently at node 2 with load 8
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PRICER_C: Found path with load 12
Path is currently at node 8 with load 5
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PRICER_C: Found path with load 12
Path is currently at node 9 with load 5
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PRICER_C: Found path with load 30
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 2 with load 8

PRICER_C: Found path with load 29
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PRICER_C: Found path with load 29
Path is currently at node 6 with load 5
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PRICER_C: Found path with load 26
Path is currently at node 7 with load 2
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PRICER_C: Found path with load 29
Path is currently at node 8 with load 5
Path is currently at node 4 with load 6
Path is currently at node 2 with load 8
PRICER_C: Found path with load 29
Path is currently at node 9 with load 5
Path is currently at node 4 with load 6
Path is currently at node 2 with load 8
PRICER_C: Found path with load 30
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
Path is currently at node 2 with load 8
PRICER_C: Found path with load 29
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
Path is currently at node 2 with load 8
PRICER_C: Found path with load 28
Path is currently at node 9 with load 5
Path is currently at node 5 with load 5
Path is currently at node 2 with load 8
PRICER_C: Found path with load 30
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
PRICER_C: Found path with load 28
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
PRICER_C: Found path with load 27
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
PRICER_C: Found path with load 26
Path is currently at node 4 with load 6
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8

PRICER_C: Found path with load 25
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
PRICER_C: Found path with load 25
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
PRICER_C: Found path with load 26
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
PRICER_C: Found path with load 28
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 28
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 25
Path is currently at node 7 with load 2
Path is currently at node 4 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 28
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
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PRICER_C: Found path with load 26
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PRICER_C: Found path with load 29
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PRICER_C: Found path with load 28
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PRICER_C: Found path with load 27
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Path is currently at node 4 with load 6
PRICER_C: Found path with load 26
Path is currently at node 6 with load 5
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6

PRICER_C: Found path with load 23
Path is currently at node 7 with load 2
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
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Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
Path is currently at node 9 with load 5
ERROR: Path length exceeds maximum. Current value of path_len is 33
PRICER_C: Capacity is 30
PRICER_C: Found path with load 18
Path is currently at node 2 with load 8
PRICER_C: Found path with load 17
Path is currently at node 3 with load 7
PRICER_C: Found path with load 16
Path is currently at node 4 with load 6
PRICER_C: Found path with load 15
Path is currently at node 5 with load 5
PRICER_C: Found path with load 12
Path is currently at node 7 with load 2
PRICER_C: Found path with load 15
Path is currently at node 8 with load 5
PRICER_C: Found path with load 15

Path is currently at node 9 with load 5
PRICER_C: Found path with load 16
Path is currently at node 10 with load 6
PRICER_C: Found path with load 18
Path is currently at node 1 with load 10
PRICER_C: Found path with load 15
Path is currently at node 3 with load 7
PRICER_C: Found path with load 14
Path is currently at node 4 with load 6
PRICER_C: Found path with load 13
Path is currently at node 5 with load 5
PRICER_C: Found path with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 13
Path is currently at node 8 with load 5
PRICER_C: Found path with load 13
Path is currently at node 9 with load 5
PRICER_C: Found path with load 14
Path is currently at node 10 with load 6
PRICER_C: Found path with load 17
Path is currently at node 1 with load 10
PRICER_C: Found path with load 13
Path is currently at node 4 with load 6
PRICER_C: Found path with load 9
Path is currently at node 7 with load 2
PRICER_C: Found path with load 12
Path is currently at node 8 with load 5
PRICER_C: Found path with load 13
Path is currently at node 10 with load 6
PRICER_C: Found path with load 16
Path is currently at node 1 with load 10
PRICER_C: Found path with load 14
Path is currently at node 2 with load 8
PRICER_C: Found path with load 13
Path is currently at node 3 with load 7
PRICER_C: Found path with load 11
Path is currently at node 5 with load 5
PRICER_C: Found path with load 8
Path is currently at node 7 with load 2
PRICER_C: Found path with load 11
Path is currently at node 8 with load 5
PRICER_C: Found path with load 11
Path is currently at node 9 with load 5
PRICER_C: Found path with load 12
Path is currently at node 10 with load 6
PRICER_C: Found path with load 15
Path is currently at node 1 with load 10
PRICER_C: Found path with load 13

Path is currently at node 2 with load 8
PRICER_C: Found path with load 12
Path is currently at node 3 with load 7
PRICER_C: Found path with load 11
Path is currently at node 4 with load 6
PRICER_C: Found path with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 10
Path is currently at node 9 with load 5
PRICER_C: Found path with load 11
Path is currently at node 10 with load 6
PRICER_C: Found path with load 12
Path is currently at node 1 with load 10
PRICER_C: Found path with load 10
Path is currently at node 2 with load 8
PRICER_C: Found path with load 9
Path is currently at node 3 with load 7
PRICER_C: Found path with load 8
Path is currently at node 4 with load 6
PRICER_C: Found path with load 7
Path is currently at node 5 with load 5
PRICER_C: Found path with load 7
Path is currently at node 8 with load 5
PRICER_C: Found path with load 7
Path is currently at node 9 with load 5
PRICER_C: Found path with load 8
Path is currently at node 10 with load 6
PRICER_C: Found path with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 10
Path is currently at node 5 with load 5
PRICER_C: Found path with load 28
Path is currently at node 1 with load 10
Path is currently at node 2 with load 8
PRICER_C: Found path with load 25
Path is currently at node 3 with load 7
Path is currently at node 2 with load 8
PRICER_C: Found path with load 24
Path is currently at node 4 with load 6
Path is currently at node 2 with load 8
PRICER_C: Found path with load 23
Path is currently at node 5 with load 5
Path is currently at node 2 with load 8
PRICER_C: Found path with load 20
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8

PRICER_C: Found path with load 23
Path is currently at node 8 with load 5
Path is currently at node 2 with load 8
PRICER_C: Found path with load 24
Path is currently at node 10 with load 6
Path is currently at node 2 with load 8
PRICER_C: Found path with load 27
Path is currently at node 1 with load 10
Path is currently at node 3 with load 7
PRICER_C: Found path with load 25
Path is currently at node 2 with load 8
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PRICER_C: Found path with load 23
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PRICER_C: Found path with load 23
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PRICER_C: Found path with load 26
Path is currently at node 1 with load 10
Path is currently at node 4 with load 6
PRICER_C: Found path with load 24
Path is currently at node 2 with load 8
Path is currently at node 4 with load 6
PRICER_C: Found path with load 23
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
PRICER_C: Found path with load 21
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 18
Path is currently at node 7 with load 2
Path is currently at node 4 with load 6
PRICER_C: Found path with load 21
Path is currently at node 8 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 21
Path is currently at node 9 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 22
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
PRICER_C: Found path with load 25
Path is currently at node 1 with load 10
Path is currently at node 5 with load 5
PRICER_C: Found path with load 23
Path is currently at node 2 with load 8
Path is currently at node 5 with load 5

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PRICER_C: Found path with load 22
Path is currently at node 3 with load 7
Path is currently at node 5 with load 5
PRICER_C: Found path with load 21
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
PRICER_C: Found path with load 20
Path is currently at node 8 with load 5
Path is currently at node 5 with load 5
PRICER_C: Found path with load 20
Path is currently at node 9 with load 5
Path is currently at node 5 with load 5
PRICER_C: Found path with load 21
Path is currently at node 10 with load 6
Path is currently at node 5 with load 5
PRICER_C: Found path with load 22
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 20
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
PRICER_C: Found path with load 19
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 18
Path is currently at node 4 with load 6
Path is currently at node 7 with load 2
PRICER_C: Found path with load 17
Path is currently at node 5 with load 5 [ 0 1 4 5 4 11 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]
Labelling found path (0, 1, 4, 5, 4, 11) with negative reduced cost
Added (0, 1, 4, 5, 4, 11) with path weight 23
There are 1 occurrences of node 1
There are 2 occurrences of node 4
There are 1 occurrences of node 5
Dual variables are [14.0, 10.0, 9.0, -1.5, 12.0, -6.5, 17.0, 13.0, 11.0, 12.0,
-0.0]

Path is currently at node 7 with load 2
PRICER_C: Found path with load 17
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 17
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 18
Path is currently at node 10 with load 6

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Path is currently at node 7 with load 2
PRICER_C: Found path with load 17
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
PRICER_C: Found path with load 20
Path is currently at node 5 with load 5
Path is currently at node 9 with load 5
PRICER_C: Found path with load 23
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 24
Path is currently at node 1 with load 10
Path is currently at node 4 with load 6
PRICER_C: Found path with load 21
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
PRICER_C: Found path with load 19
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 16
Path is currently at node 7 with load 2
Path is currently at node 4 with load 6
PRICER_C: Found path with load 19
Path is currently at node 9 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 20
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
PRICER_C: Found path with load 19
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
PRICER_C: Found path with load 15
Path is currently at node 7 with load 2
Path is currently at node 5 with load 5
PRICER_C: Found path with load 20
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 18
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
PRICER_C: Found path with load 17
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Path is currently at node 7 with load 2
PRICER_C: Found path with load 16
Path is currently at node 4 with load 6
Path is currently at node 7 with load 2
PRICER_C: Found path with load 15
Path is currently at node 5 with load 5

Path is currently at node 7 with load 2
PRICER_C: Found path with load 15
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 15
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 16
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
PRICER_C: Found path with load 18
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 19
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 17
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
PRICER_C: Found path with load 14
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 14
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 17
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
PRICER_C: Found path with load 13
Path is currently at node 7 with load 2
Path is currently at node 5 with load 5
PRICER_C: Found path with load 18
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 16
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
PRICER_C: Found path with load 15
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 14
Path is currently at node 4 with load 6
Path is currently at node 7 with load 2
PRICER_C: Found path with load 13
Path is currently at node 5 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 13
Path is currently at node 8 with load 5

Path is currently at node 7 with load 2
PRICER_C: Found path with load 13
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 14
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
PRICER_C: Found path with load 13
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
PRICER_C: Found path with load 19
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PRICER_C: Found path with load 17
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Path is currently at node 10 with load 6
PRICER_C: Found path with load 14
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PRICER_C: Found path with load 18
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PRICER_C: Found path with load 16
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PRICER_C: Found path with load 13
Path is currently at node 7 with load 2
Path is currently at node 4 with load 6
PRICER_C: Found path with load 17
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
PRICER_C: Found path with load 17
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 15
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
PRICER_C: Found path with load 14
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 13
Path is currently at node 4 with load 6
Path is currently at node 7 with load 2
PRICER_C: Found path with load 12
Path is currently at node 8 with load 5

Path is currently at node 7 with load 2
PRICER_C: Found path with load 12
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 13
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
PRICER_C: Found path with load 12
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
PRICER_C: Found path with load 15
Path is currently at node 5 with load 5
Path is currently at node 2 with load 8
PRICER_C: Found path with load 12
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
PRICER_C: Found path with load 15
Path is currently at node 3 with load 7
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PRICER_C: Found path with load 13
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PRICER_C: Found path with load 10
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PRICER_C: Found path with load 14
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PRICER_C: Found path with load 13
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PRICER_C: Found path with load 17
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PRICER_C: Found path with load 13
Path is currently at node 10 with load 6
Path is currently at node 8 with load 5
PRICER_C: Found path with load 13
Path is currently at node 4 with load 6
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PRICER_C: Found path with load 12
Path is currently at node 5 with load 5

Path is currently at node 9 with load 5
PRICER_C: Found path with load 15
Path is currently at node 2 with load 8
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PRICER_C: Found path with load 14
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 12
Path is currently at node 8 with load 5
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PRICER_C: Found path with load 12
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 30
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 2 with load 8
PRICER_C: Found path with load 29
Path is currently at node 5 with load 5
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PRICER_C: Found path with load 26
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PRICER_C: Found path with load 29
Path is currently at node 8 with load 5
Path is currently at node 4 with load 6
Path is currently at node 2 with load 8
PRICER_C: Found path with load 29
Path is currently at node 9 with load 5
Path is currently at node 4 with load 6
Path is currently at node 2 with load 8
PRICER_C: Found path with load 30
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
Path is currently at node 2 with load 8
PRICER_C: Found path with load 29
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
Path is currently at node 2 with load 8
PRICER_C: Found path with load 28
Path is currently at node 9 with load 5
Path is currently at node 5 with load 5
Path is currently at node 2 with load 8
PRICER_C: Found path with load 30
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2

Path is currently at node 2 with load 8
PRICER_C: Found path with load 28
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
PRICER_C: Found path with load 27
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
PRICER_C: Found path with load 26
Path is currently at node 4 with load 6
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
PRICER_C: Found path with load 25
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
PRICER_C: Found path with load 25
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
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PRICER_C: Found path with load 26
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Path is currently at node 2 with load 8
PRICER_C: Found path with load 28
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 25
Path is currently at node 7 with load 2
Path is currently at node 4 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 28
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Path is currently at node 4 with load 6
PRICER_C: Found path with load 26
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PRICER_C: Found path with load 29
Path is currently at node 2 with load 8
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 28
Path is currently at node 3 with load 7
Path is currently at node 5 with load 5

Path is currently at node 4 with load 6
PRICER_C: Found path with load 27
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 23
Path is currently at node 7 with load 2
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
Path is currently at node 9 with load 5
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Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
Path is currently at node 9 with load 5
ERROR: Path length exceeds maximum. Current value of path_len is 33
PRICER_C: Capacity is 30
PRICER_C: Found path with load 18
Path is currently at node 2 with load 8
PRICER_C: Found path with load 17
Path is currently at node 3 with load 7
PRICER_C: Found path with load 15
Path is currently at node 5 with load 5
PRICER_C: Found path with load 12
Path is currently at node 7 with load 2

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Labelling found path (0, 2, 10, 7, 9, 11) with negative reduced cost

Added (0, 2, 10, 7, 9, 11) with path weight 14

Currently at node 3 with load 7

PRICER_C: Found path with load 7

Path is currently at node 5 with load 5

PRICER_C: Found path with load 7

Path is currently at node 8 with load 5

PRICER_C: Found path with load 7

Path is currently at node 9 with load 5

PRICER_C: Found path with load 8

Path is currently at node 10 with load 6

PRICER_C: Found path with load 7

Path is currently at node 7 with load 2

PRICER_C: Found path with load 10

Path is currently at node 5 with load 5

PRICER_C: Found path with load 13

Path is currently at node 3 with load 7

PRICER_C: Found path with load 28

Path is currently at node 1 with load 10

Path is currently at node 2 with load 8

PRICER_C: Found path with load 25

Path is currently at node 3 with load 7

Path is currently at node 2 with load 8

PRICER_C: Found path with load 23

Path is currently at node 5 with load 5

Path is currently at node 2 with load 8

PRICER_C: Found path with load 20

Path is currently at node 7 with load 2

Path is currently at node 2 with load 8

PRICER_C: Found path with load 23

Path is currently at node 8 with load 5

Path is currently at node 2 with load 8

PRICER_C: Found path with load 23

Path is currently at node 9 with load 5

Path is currently at node 2 with load 8

PRICER_C: Found path with load 24

Path is currently at node 10 with load 6

Path is currently at node 2 with load 8

PRICER_C: Found path with load 27

Path is currently at node 1 with load 10

Path is currently at node 3 with load 7

PRICER_C: Found path with load 25

Path is currently at node 2 with load 8

Path is currently at node 3 with load 7

PRICER_C: Found path with load 23

Path is currently at node 10 with load 6

Path is currently at node 3 with load 7
 PRICER_C: Found path with load 25
 Path is currently at node 1 with load 10
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 23
 Path is currently at node 2 with load 8
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 22
 Path is currently at node 3 with load 7
 Path is cThere are 1 occurrences of node 2
 urrently at node 5 with load 5
 PRICER_C: Found path with load 21
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 20
 Path is currently at node 6 with load 5
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 20
 Path is currently at node 8 with load 5
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 20
 Path is currently at node 9 with load 5
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 21
 Path is currently at node 10 with load 6
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 22
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 20
 Path is currently at node 2 with load 8
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 19
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 18
 Path is currently at There are 1 occurrences of node 7
 There are 1 occurrences of node 9
 There are 1 occurrences of node 10
 Dual variables are [14.0, 10.0, 9.0, -1.5, 12.0, -6.5, 17.0, 13.0, 11.0, -24.0,
 -0.0]
 node 4 with load 6
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 17
 Path is currently at node 5 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 17
 Path is currently at node 6 with load 5

Path is currently at node 7 with load 2
PRICER_C: Found path with load 17
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 17
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 18
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
PRICER_C: Found path with load 17
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
PRICER_C: Found path with load 20
Path is currently at node 5 with load 5
Path is currently at node 9 with load 5
PRICER_C: Found path with load 23
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 21
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PRICER_C: Found path with load 25
Path is currently at node 3 with load 7
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PRICER_C: Found path with load 23
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PRICER_C: Found path with load 23
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Path is currently at node 1 with load 10
PRICER_C: Found path with load 19
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
PRICER_C: Found path with load 18
Path is currently at node 6 with load 5
Path is currently at node 5 with load 5
PRICER_C: Found path with load 15
Path is currently at node 7 with load 2
Path is currently at node 5 with load 5
PRICER_C: Found path with load 20
Path is currently at node 1 with load 10

Path is currently at node 7 with load 2
PRICER_C: Found path with load 18
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
PRICER_C: Found path with load 17
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 16
Path is currently at node 4 with load 6
Path is currently at node 7 with load 2
PRICER_C: Found path with load 15
Path is currently at node 5 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 15
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 15
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 15
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 16
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
PRICER_C: Found path with load 16
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PRICER_C: Found path with load 19
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PRICER_C: Found path with load 17
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PRICER_C: Found path with load 14
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 14
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 15
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
PRICER_C: Found path with load 15
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
PRICER_C: Found path with load 17
Path is currently at node 1 with load 10

Path is currently at node 7 with load 2
PRICER_C: Found path with load 15
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
PRICER_C: Found path with load 14
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 12
Path is currently at node 5 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 12
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Path is currently at node 7 with load 2
PRICER_C: Found path with load 12
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PRICER_C: Found path with load 14
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Path is currently at node 1 with load 10
PRICER_C: Found path with load 15
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PRICER_C: Found path with load 14
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Path is currently at node 8 with load 5
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PRICER_C: Found path with load 15
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PRICER_C: Found path with load 14
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Path is currently at node 10 with load 6
PRICER_C: Found path with load 13
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PRICER_C: Found path with load 13
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PRICER_C: Found path with load 15
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PRICER_C: Found path with load 14
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PRICER_C: Found path with load 12
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PRICER_C: Found path with load 30
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PRICER_C: Found path with load 29
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
Path is currently at node 2 with load 8
PRICER_C: Found path with load 28
Path is currently at node 6 with load 5
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PRICER_C: Found path with load 28
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PRICER_C: Found path with load 27
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Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 27
Path is currently at node 6 with load 5
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 24
Path is currently at node 7 with load 2

Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 27
 Path is currently at node 8 with load 5
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 PRICER_C: Found path with load 27
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 PRICER_C: Found pa[0 7 8 7 4 11 0 0 0 0 0 0 0 0 0 0 0 0 0
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 Path is currently at node 5 with load 5
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 PRICER_C: Found path with load 27
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 24
 Path is currently at node 3 with load 7
 Path is currently
 Labelling found path (0, 7, 8, 7, 4, 11) with negative reduced cost

Added (0, 7, 8, 7, 4, 11) with path weight 35
 There are 1 occurrences of node 4
 There are 2 occurrences of node 7
 There are 1 occurrences of node 8
 Dual variables are [14.0, 10.0, 9.0, -1.5, 12.0, -6.5, 11.75, 13.0, 11.0, -18.75, -0.0]
 at node 8 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 22
 Path is currently at node 5 with load 5
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 22
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 PRICER_C: Found path with load 26
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PRICER_C: Found path with load 25
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PRICER_C: Found path with load 24
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PRICER_C: Found path with load 23
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PRICER_C: Found path with load 23
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PRICER_C: Found path with load 25
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PRICER_C: Found path with load 24
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PRICER_C: Found path with load 22
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PRICER_C: Found path with load 23
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PRICER_C: Found path with load 29
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Path is currently at node 1 with load 10
PRICER_C: Found path with load 30
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
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PRICER_C: Found path with load 28
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PRICER_C: Found path with load 25
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PRICER_C: Found path with load 25
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PRICER_C: Found path with load 25
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PRICER_C: Found path with load 21
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PRICER_C: Found path with load 20
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PRICER_C: Found path with load 20
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PRICER_C: Found path with load 21
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PRICER_C: Found path with load 27
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PRICER_C: Found path with load 26
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PRICER_C: Found path with load 21
Path is currently at node 9 with load 5
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Path is currently at node 10 with load 6
PRICER_C: Found path with load 16
Path is currently at node 7 with load 2
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 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 ERROR: Path length exceeds maximum. Current value of path_len is 33
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 18
 Path is currently at node 2 with load 8
 PRICER_C: Found path with load 17
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 15
 Path is currently at node 5 with load 5
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 PRICER_C: Found path with load 18
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 PRICER_C: Found path with load 15
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 PRICER_C: Found path with load 13
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 Path is currently at node 8 with load 5
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PRICER_C: Found path with load 27

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Path is currently at node 1 with load 10
Path is currently at node 3 with load 7
PRICER_C: Found path with load 25
Path is currently at node 2 with load 8
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Path is currently at node 1 with load 10
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PRICER_C: Found path with load 18
Path is currently at node 4 with load 6
Path is currently at node 7 with load 2
PRICER_C: Found paLabelling found path (0, 2, 7, 5, 6, 11) with negative reduced
cost
Added (0, 2, 7, 5, 6, 11) with path weight 20
There are 1 occurences of node 2
There are 1 occurences of node 5
There are 1 occurences of node 6
There are 1 occurences of node 7

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Dual variables are [14.0, 2.75, 9.0, -1.5, 12.0, -6.5, 11.75, 13.0, 11.0, -11.5, -0.0]

th with load 17

Path is currently at node 5 with load 5

Path is currently at node 7 with load 2

PRICER_C: Found path with load 17

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 Labelling found path (0, 8, 7, 9, 6, 5, 9, 6, 11) with negative reduced cost
 Added (0, 8, 7, 9, 6, 5, 9, 6, 11) with path weight 35
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 Dual variables are [14.0, 2.75, 9.0, -1.5, 12.0, -6.5, 11.75, 13.0, 5.625, -6.125, -0.0]
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PRICER_C: Found path with load 17
Path is currently at node 9 with load 5
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PRICER_C: Found path with load 24
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PRICER_C: Found path with load 22
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PRICER_C: Found path with load 21
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PRICER_C: Found path with load 17
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PRICER_C: Found path with load 16
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 Added (0, 1, 7, 8, 6, 11) with path weight 27
 at node 1 with load 10
 PRICER_C: Found path with load 23
 Path is currently at node 9 with load 5
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 PRICER_C: Found path with load 23
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 PRICER_C: Found path with load 18
 Path is currently at node 9 with load 5
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 PRICER_C: Found path with load 20
 Path is currently at node 1 wThere are 1 occurences of node 1
 There are 1 occurences of node 6
 There are 1 occurences of node 7
 There are 1 occurences of node 8
 Dual variables are [7.0, 1.0, 9.0, 2.0, 12.0, -3.0, 10.0, 13.0, 3.0, -0.0, -0.0]
 ith load 10
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 18
 Path is currently at node 2 with load 8
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PRICER_C: Found path with load 30
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PRICER_C: Found path with load 27
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PRICER_C: Found path with load 30
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 PRICER_C: Found path with load 30
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PRICER_C: Found path with load 27
Path is currently at node 5 with load 5
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 27
Path is currently at node 6 with load 5
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 24
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
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PRICER_C: Found path with load 25
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Path is currently at node 7 with load 2
PRICER_C: Found path with load 24
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PRICER_C: Found path with load 22
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    0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0]
h is currently at node 8 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 19
Path is currently at node 7 with load 2

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Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 22
 Path is currently at node 9 with load 5
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 PRICER_C: Found path with load 23
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 PRICER_C: Found path with load 22
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 PRICER_C: Found path with load 22
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 PRICER_C: Found path with load 22
 Path is currently at node 8 with load 5
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2 Labelling found path (0, 5, 7, 8, 3, 11)
 with negative reduced cost
 Added (0, 5, 7, 8, 3, 11) with path weight 32

PRICER_C: Found path with load 30
 Path is currently at node 5 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 6 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 27
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Path is currently at node 8 with load 5
 PRICER_C: Found path with load 25
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Path is currently at node 1 with load 10
 PRICER_C: Found path with load 27
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
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 PRICER_C: Found path with load 25
 Path is currently at node 1 with load 10
 There are 1 occurrences of node 3
 There are 1 occurrences of node 5
 There are 1 occurrences of node 7
 There are 1 occurrences of node 8
 Dual variables are [4.0, 7.0, 9.0, 8.0, 3.0, 3.0, 7.0, 13.0, 3.0, -3.0, -0.0]
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 25
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
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 PRICER_C: Found path with load 26
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PRICER_C: Found path with load 28
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PRICER_C: Found path with load 26
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PRICER_C: Found path with load 23
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PRICER_C: Found path with load 20
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 ERROR: Path length exceeds maximum. Current value of path_len is 33
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 17
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 15
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 12
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 PRICER_C: Found path with load 15
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 PRICER_C: Found path with load 15
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 PRICER_C: Found path with load 18
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 15
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 13
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 10
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 PRICER_C: Found path with load 13
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 PRICER_C: Found path with load 17
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 PRICER_C: Found path with load 12
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PRICER_C: Found path with load 16
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Path is currently at node 7 with load 2
PRICER_C: Found path with load 14
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 14
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PRICER_C: Found path with load 22
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 PRICER_C: Found path with load 28
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 PRICER_C: Found path with load 24
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 PRICER_C: Found path with load 30
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 PRICER_C: Found path with load 30
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PRICER_C: Found path with load 29

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 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 30
 Path is[0 8 7 8 7 9 4 8 7 9 11 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]
 currently at node 1 with load 10
 Path is currently at node 8 with load 5
 Path is currently at node 5 with load 5
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 PRICER_C: Found path with load 22
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 PRICER_C: Found path with load 26
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 PRICER_C: Found path with load 30
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 PRICER_C: Found path with load 26
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 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 25
 Path is currently at node 6 with load 5
 Path is currently at node 9 with load 5
 Path iLabelling found path (0, 8, 7, 8, 7, 9, 4, 8, 7, 9, 11) with negative reduced cost
 Added (0, 8, 7, 8, 7, 9, 4, 8, 7, 9, 11) with path weight 46
 s currently at node 5 with load 5
 Path is currently at node 6 with load 5
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 22
 Path is currently at node 7 with load 2
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 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path iThere are 1 occurences of node 4
 There are 3 occurences of node 7
 There are 3 occurences of node 8
 There are 2 occurences of node 9
 Dual variables are [1.375, 1.125, 9.0, 1.5, 6.25, 8.875, 3.75, 13.0, -2.875, 12.0, -0.0]
 s currently at node 10 with load 6
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
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 ERROR: Path length exceeds maximum. Current value of path_len is 33
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 17
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 15
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 PRICER_C: Found path with load 15
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 PRICER_C: Found path with load 18
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 PRICER_C: Found path with load 13

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PRICER_C: Found path with load 10
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 ERROR: Path length exceeds maximum. Current value of path_len is 33
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 17
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 15
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 Path is currently at node 8 with load 5
 PRICER_C: Found path with labelling found path (0, 3, 10, 8, 7, 11) with negative reduced cost
 Added (0, 3, 10, 8, 7, 11) with path weight 24
 There are 1 occurrences of node 3
 There are 1 occurrences of node 7
 There are 1 occurrences of node 8
 There are 1 occurrences of node 10
 Dual variables are [11.0, 8.0, 9.0, -4.0, 9.0, 2.0, 1.0, 13.0, 4.0, 1.0, -0.0]
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Path is currently at node 5 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 25
Path is currently at node 6 with load 5
Path is currently at node 5 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 30
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10

Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
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Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
ERROR: Path length exceeds maximum. Current value of path_len is 33
PRICER_C: Capacity is 30
PRICER_C: Found path with load 17
Path is currently at node 3 with load 7
PRICER_C: Found path with load 15
Path is currently at node 8 with load 5
PRICER_C: Found path with load 15
Path is currently at node 3 with load 7
PRICER_C: Found path with load 13
Path is currently at node 5 with load 5
PRICER_C: Found path with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 13
Path is currently at node 8 with load 5
PRICER_C: Found path with load 12
Path is currently at node 8 with load 5
PRICER_C: Found path with load 7
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PRICER_C: Found path with load 12
Path is currently at node 3 with load 7
PRICER_C: Found path with load 25
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PRICER_C: Found path with load 17
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PRICER_C: Found path with load 20
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PRICER_C: Found path with load 26
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PRICER_C: Found path with load 23
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PRICER_C: Found path with load 19
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PRICER_C: Found path with load 18
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PRICER_C: Found path with load 18
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PRICER_C: Found path with load 18
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PRICER_C: Found path with load 20
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PRICER_C: Found path with load 12
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Path is currently at node 7 with load 2
PRICER_C: Found path with load 17
Path is currently at node 7 with load 2
Path is cu[ 0 5 4 5 4 10 11 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]rrently at node 8 with load 5
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Path is currently at node 7 with load 2
PRICER_C: Found path with load 20
Path is currently at node 9 with load 5
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 21
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PRICER_C: Found path with load 18
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PRICER_C: Found path with load 19
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PRICER_C: Found path with load 14
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PRICER_C: Found path with load 14
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 PRICER_C: Found path with load 30
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 PRICER_C: Found path with load 30
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 PRICER_C: Found path with load 24
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 PRICER_C: Found path with load 27
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 PRICER_C: Found path with load 30

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 Labelling found path (0, 5, 4, 5, 4, 10, 11) with negative reduced cost
 Added (0, 5, 4, 5, 4, 10, 11) with path weight 15load 2
 PRICER_C: Found path with load 27
 Path is currently at node 9 with load 5
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ERROR: Path length exceeds maximum. Current value of path_len is 33
PRICER_C: Capacity is 30
PRICER_C: Found path with load 15
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PRICER_C: Found path with load 16
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Path is currently at node 6 with load 5
PRICER_C: Found path with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 11
Path is currently at node 10 with load 6
PRICER_C: Found path with load 12
Path is currently at node 3 with load 7
PRICER_C: Found path with load 10
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PRICER_C: Found path with load 11
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PRICER_C: Found path with load 13

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 There are 1 occurrences of node 10
 Dual variables are [2.888888888888893, 10.0, 9.0, 9.0, -2.888888888888875,
 9.0, -4.444444444444445, 13.0, 5.666666666666666, 2.777777777777786, -0.0]
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ERROR: Path length exceeds maximum. Current value of path_len is 33
PRICER_C: Capacity is 30
PRICER_C: Found path with load 18
Path is currently at node 2 with load 8
PRICER_C: Found path with load 17
Path is currently at node 3 with load 7
PRICER_C: Found path with load 15
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PRICER_C: Found path with load 15
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 PRICER_C: Found path with load 20
 Path is currently at Labelling found path (0, 6, 4, 6, 4, 8, 7, 11) with negative reduced cost
 Added (0, 6, 4, 6, 4, 8, 7, 11) with path weight 32
 There are 2 occurrences of node 4
 There are 2 occurrences of node 6
 There are 1 occurrences of node 7
 There are 1 occurrences of node 8
 Dual variables are [5.770491803278691, 10.0, 9.0, 7.147540983606558, -0.21311475409836134, 5.295081967213115, -5.885245901639346, 13.0, 8.754098360655739, 1.1311475409836067, -0.0]
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 Path is currently at node 1 with load 10
 PRICER_C: Found path with
 Labelling found path (0, 2, 8, 9, 4, 6, 11) with negative reduced cost
 Added (0, 2, 8, 9, 4, 6, 11) with path weight 26
 There are 1 occurrences of node 2
 There are 1 occurrences of node 4
 There are 1 occurrences of node 6
 There are 1 occurrences of node 8
 There are 1 occurrences of node 9
 Dual variables are [13.333333333333332, 1.0, 9.0, -2.0, 3.6666666666666665, 3.0, -9.666666666666666, 13.0, 11.0, 11.666666666666666, -0.0]
 h load 22
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 25
 Path is currently at node 9 with load 5
 Path is currently at node 8 with load 5
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 PRICER_C: Found path with load 26
 Path is currently at node 10 with load 6
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PRICER_C: Found path with load 26
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 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 15
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 13
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PRICER_C: Found path with load 13
Path is currently at node 8 with load 5
PRICER_C: Found path with load 14
Path is currently at node 10 with load 6
PRICER_C: Found path with load 12
Path is currently at node 8 with load 5
PRICER_C: Found path with load 13
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PRICER_C: Found path with load 13
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PRICER_C: Found path with load 19
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
PRICER_C: Found path with load 18
Path is currently at node 9 with load 5
Path is currently at node 5 with load 5
PRICER_C: Found path with load 23
Path is currently at node 1 with load 10
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PRICER_C: Found path with load 19
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
PRICER_C: Found path with load 18
Path is curr[ 0  8 10  8 10  8  7 11  0  0  0  0  0  0  0  0  0  0  0  0  0
0  0
    0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0]
Labelling found path (0, 8, 10, 8, 10, 8, 7, 11) with negative reduced cost

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Added (0, 8, 10, 8, 10, 8, 7, 11) with path weight 37
 ently at node 9 with load 5
 Path is currently at node 6 with load 5
 PRICER_C: Found path with load 19
 Path is currently at node 10 with load 6
 Path is currently at node 6 with load 5
 PRICER_C: Found path with load 18
 Path is currently at node 2 with load 8
 Path is currently at node 7 with load 2
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 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 19
 Path is currently at node 8 with load 5
 Path is currently at node 10 with load 6
 PRICER_C: FoundThere are 1 occurrences of node 7
 There are 3 occurrences of node 8
 There are 2 occurrences of node 10
 Dual variables are [13.33333333333329, 8.83333333333332, 9.0,
 -5.916666666666664, 11.5, -0.916666666666679, -9.666666666666664, 13.0, 11.0,
 3.83333333333332, -0.0]
 path with load 17
 Path is currently at node 4 with load 6
 Path is currently at node 6 with load 5
 PRICER_C: Found path with load 16
 Path is currently at node 9 with load 5
 Path is currently at node 6 with load 5
 PRICER_C: Found path with load 19
 Path is currently at node 2 with load 8
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 16
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 16
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6

PRICER_C: Found path with load 16
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PRICER_C: Found path with load 16
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PRICER_C: Found path with load 30
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PRICER_C: Found path with load 30
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PRICER_C: Found path with load 28
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PRICER_C: Capacity is 30
PRICER_C: Found path with load 17
Path is currently at node 3 with load 7
PRICER_C: Found path with load 15
Path is currently at node 8 with load 5
PRICER_C: Found path with load 15
Path is currently at node 9 with load 5
PRICER_C: Found path with load 18
Path is currently at node 1 with load 10
PRICER_C: Found path with load 15
Path is currently at node 3 with load 7
PRICER_C: Found path with load 13
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PRICER_C: Found path with load 13

Path is currently at node 6 with load 5
PRICER_C: Found path with load 13
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PRICER_C: Found path with load 14
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PRICER_C: Found path with load 12
Path is currently at node 8 with load 5
PRICER_C: Found path with load 10
Path is currently at node 9 with load 5
PRICER_C: Found path with load 12
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PRICER_C: Found path with load 16
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PRICER_C: Found path with load 16
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PRICER_C: Found path with load 30

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Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 6 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRIC[ 0 9 5 9 5 9 5 11 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]
Labelling found path (0, 9, 5, 9, 5, 9, 5, 11) with negative reduced cost
Added (0, 9, 5, 9, 5, 9, 5, 11) with path weight 34
There are 3 occurrences of node 5
There are 3 occurrences of node 9
Dual variables are [14.0, 10.0, 9.0, -0.4469696969696937, 5.287878787878786,
-0.8409090909090926, -7.363636363636363, 11.24242424242424, 6.045454545454546,
5.318181818181813, -0.0]
ER_C: Found path with load 30
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 3 with load 7
Path is currently at node 2 with load 8
Path is currently at node 8 with load 5
PRICER_C: Found path with load 28
Path is currently at node 5 with load 5
Path is currently at node 2 with load 8
Path is currently at node 8 with load 5
PRICER_C: Found path with load 28
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
Path is currently at node 1 with load 10
PRICER_C: Found path with load 29
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
Path is currently at node 1 with load 10
PRICER_C: Found path with load 29
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 1 with load 10

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PRICER_C: Found path with load 29
Path is currently at node 9 with load 5
Path is currently at node 4 with load 6
Path is currently at node 1 with load 10
PRICER_C: Found path with load 29
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 28
Path is currently at node 9 with load 5
Path is currently at node 6 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 30
Path is currently at node 3 with load 7
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 29
Path is currently at node 4 with load 6
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 28
Path is currently at node 5 with load 5
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 28
Path is currently at node 6 with load 5
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 25
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 28
Path is currently at node 9 with load 5
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 29
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Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 28
Path is currently at node 6 with load 5
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 30
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 3 with load 7

PRICER_C: Found path with load 30
 Path is currently at node 3 with load 7
 Path is currently at node 2 with load 8
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 PRICER_C: Found path with load 28
 Path is currently at node 5 with load 5
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 PRICER_C: Found path with load 28
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 PRICER_C: Found path with load 28
 Path is currently at node 3 with load 7
 Path is currently at node 4 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 26
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 26
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
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 PRICER_C: Found path with load 26
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 PRICER_C: Found path with load 26
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 PRICER_C: Found path with load 30
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 PRICER_C: Found path with load 25
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 Path is currently at node 8 with load 5
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 PRICER_C: Found path with load 25
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 PRICER_C: Found path with load 29
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PRICER_C: Found path with load 28
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PRICER_C: Found path with load 27
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PRICER_C: Found path with load 26
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Path is currently at node 3 with load 7
PRICER_C: Found path with load 25
Path is currently at node 4 with load 6
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Path is currently at node 4 with load 6
PRICER_C: Found path with load 24
Path is currently at node 5 with load 5
Path is currently at node 6 with load 5
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PRICER_C: Found path with load 24
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PRICER_C: Found path with load 29
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PRICER_C: Found path with load 24
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PRICER_C: Found path with load 26
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PRICER_C: Found path with load 23
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PRICER_C: Found path with load 27
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PRICER_C: Found path with load 26
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PRICER_C: Found path with load 24
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PRICER_C: Found path with load 24
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PRICER_C: Found path with load 24
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PRICER_C: Found path with load 24
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PRICER_C: Found path with load 28
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PRICER_C: Found path with load 28
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Path is currently at node 8 with load 5
PRICER_C: Found path with load 24
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Path is currently at node 8 with load 5
PRICER_C: Found path with load 23
Path is currently at node 5 with load 5
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PRICER_C: Found path with load 23
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Path is currently at node 8 with load 5
PRICER_C: Found path with load 26
Path is currently at node 3 with load 7
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PRICER_C: Found path with load 27
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Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 29
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PRICER_C: Found path with load 30
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PRICER_C: Found path with load 28
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PRICER_C: Found path with load 22
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PRICER_C: Found path with load 25
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PRICER_C: Found path with load 26
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PRICER_C: Found path with load 30
Path is currently at node 7 with load 2
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Path is currently at node 1 with load 10
PRICER_C: Found path with load 30
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 2 with load 8
Path is currently at node 3 with load 7
PRICER_C: Found path with load 28
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 30
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6

PRICER_C: Found path with load 29
Path is currently at node 6 with load 5
Path is currently at node 9 with load 5
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 30
Path is currently at node 4 with load 6
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Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
PRICER_C: Found path with load 29
Path is currently at node 6 with load 5
Path is currently at node 9 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
PRICER_C: Found path with load 30
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 29
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 9 with load 5
Path is currently at node 8 with load 5
PRICER_C: Capacity is 30
PRICER_C: Found path with load 17
Path is currently at node 3 with load 7
PRICER_C: Found path with load 15
Path is currently at node 5 with load 5
PRICER_C: Found path with load 15
Path is currently at node 6 with load 5
PRICER_C: Found path with load 15
Path is currently at node 8 with load 5
PRICER_C: Found path with load 15
Path is currently at node 9 with load 5
PRICER_C: Found path with load 16
Path is currently at node 10 with load 6
PRICER_C: Found path with load 18
Path is currently at node 1 with load 10
PRICER_C: Found path with load 15
Path is currently at node 3 with load 7
PRICER_C: Found path with load 13
Path is currently at node 8 with load 5
PRICER_C: Found path with load 14
Path is currently at node 10 with load 6
PRICER_C: Found path with load 17
Path is currently at node 1 with load 10

PRICER_C: Found path with load 12
Path is currently at node 8 with load 5
PRICER_C: Found path with load 13
Path is currently at node 10 with load 6
PRICER_C: Found path with load 10
Path is currently at node 9 with load 5
PRICER_C: Found path with load 11
Path is currently at node 10 with load 6
PRICER_C: Found path with load 11
Path is currently at node 10 with load 6
PRICER_C: Found path with load 15
Path is currently at node 1 with load 10
PRICER_C: Found path with load 12
Path is currently at node 3 with load 7
PRICER_C: Found path with load 10
Path is currently at node 9 with load 5
PRICER_C: Found path with load 11
Path is currently at node 10 with load 6
PRICER_C: Found path with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 13
Path is currently at node 3 with load 7
PRICER_C: Found path with load 11
Path is currently at node 6 with load 5
PRICER_C: Found path with load 11
Path is currently at node 8 with load 5
PRICER_C: Found path with load 28
Path is currently at node 1 with load 10
Path is currently at node 2 with load 8
PRICER_C: Found path with load 27
Path is currently at node 1 with load 10
Path is currently at node 3 with load 7
PRICER_C: Found path with load 25
Path is currently at node 2 with load 8
Path is currently at node 3 with load 7
PRICER_C: Found path with load 22
Path is currently at node 6 with load 5
Path is currently at node 3 with load 7
PRICER_C: Found path with load 23
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 25
Path is currently at node 1 with load 10
Path is currently at node 5 with load 5
PRICER_C: Found path with load 20
Path is currently at node 6 with load 5
Path is currently at node 5 with load 5
PRICER_C: Found path with load 21

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Path is currently at n[ 0  2  5  1  8  7 11  0  0  0  0  0  0  0  0  0  0  0  0
0  0  0  0  0
    0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0]
Labelling found path (0, 2, 5, 1, 8, 7, 11) with negative reduced cost
Added (0, 2, 5, 1, 8, 7, 11) with path weight 19
There are 1 occurences of node 1
There are 1 occurences of node 2
There are 1 occurences of node 5
There are 1 occurences of node 7
There are 1 occurences of node 8
Dual variables are [12.622222222222224, 0.5555555555555589, 9.0,
3.988888888888889, 0.3333333333333333, 1.0555555555555536, -3.911111111111115,
9.4, 11.0, 6.355555555555556, -0.0]
ode 10 with load 6
Path is currently at node 6 with load 5
PRICER_C: Found path with load 25
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 23
Path is currently at node 2 with load 8
Path is currently at node 8 with load 5
PRICER_C: Found path with load 22
Path is currently at node 3 with load 7
Path is currently at node 8 with load 5
PRICER_C: Found path with load 20
Path is currently at node 5 with load 5
Path is currently at node 8 with load 5
PRICER_C: Found path with load 20
Path is currently at node 6 with load 5
Path is currently at node 8 with load 5
PRICER_C: Found path with load 20
Path is currently at node 9 with load 5
Path is currently at node 8 with load 5
PRICER_C: Found path with load 21
Path is currently at node 10 with load 6
Path is currently at node 8 with load 5
PRICER_C: Found path with load 20
Path is currently at node 5 with load 5
Path is currently at node 9 with load 5
PRICER_C: Found path with load 20
Path is currently at node 6 with load 5
Path is currently at node 9 with load 5
PRICER_C: Found path with load 20
Path is currently at node 8 with load 5
Path is currently at node 9 with load 5
PRICER_C: Found path with load 24
Path is currently at node 2 with load 8
Path is currently at node 10 with load 6

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PRICER_C: Found path with load 23
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 21
Path is currently at node 6 with load 5
Path is currently at node 10 with load 6
PRICER_C: Found path with load 21
Path is currently at node 8 with load 5
Path is currently at node 10 with load 6
PRICER_C: Found path with load 23
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 24
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Path is currently at node 10 with load 6
PRICER_C: Found path with load 21
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 19
Path is currently at node 6 with load 5
Path is currently at node 10 with load 6
PRICER_C: Found path with load 22
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 23
Path is currently at node 1 with load 10
Path is currently at node 10 with load 6
PRICER_C: Found path with load 21
Path is currently at node 2 with load 8
Path is currently at node 10 with load 6
PRICER_C: Found path with load 20
Path is currently at node 3 with load 7
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PRICER_C: Found path with load 18
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PRICER_C: Found path with load 18
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PRICER_C: Found path with load 18
Path is currently at node 8 with load 5
Path is currently at node 10 with load 6
PRICER_C: Found path with load 18
Path is currently at node 9 with load 5
Path is currently at node 10 with load 6
PRICER_C: Found path with load 21
Path is currently at node 1 with load 10
Path is currently at node 10 with load 6

PRICER_C: Found path with load 18
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 16
Path is currently at node 6 with load 5
Path is currently at node 10 with load 6
PRICER_C: Found path with load 23
Path is currently at node 2 with load 8
Path is currently at node 1 with load 10
PRICER_C: Found path with load 20
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PRICER_C: Found path with load 20
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PRICER_C: Found path with load 20
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PRICER_C: Found path with load 21
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PRICER_C: Found path with load 19
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PRICER_C: Found path with load 18
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PRICER_C: Found path with load 16
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PRICER_C: Found path with load 16
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PRICER_C: Found path with load 16
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PRICER_C: Found path with load 16
Path is currently at node 9 with load 5
Path is currently at node 10 with load 6
PRICER_C: Found path with load 20
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 16
Path is currently at node 10 with load 6
Path is currently at node 8 with load 5

PRICER_C: Found path with load 19
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 21
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 17
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Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
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PRICER_C: Found path with load 29
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PRICER_C: Found path with load 26
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PRICER_C: Found path with load 30
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PRICER_C: Found path with load 22
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PRICER_C: Found path with load 29
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PRICER_C: Found path with load 27
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PRICER_C: Found path with load 28
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PRICER_C: Found path with load 26
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 PRICER_C: Found
 Labelling found path (0, 3, 10, 1, 9, 7, 11) with negative reduced cost
 Added (0, 3, 10, 1, 9, 7, 11) with path weight 26
 path with load 30
 Path is currently at node 10 with load 6
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 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 18
 Path is currently at node 2 with load 8
 PRICER_C: Found path with load 17
 Path is currently at node 3 with load 7
 PRICER_C: Found path There are 1 occurrences of node 1
 There are 1 occurrences of node 3
 There are 1 occurrences of node 7
 There are 1 occurrences of node 9
 There are 1 occurrences of node 10
 Dual variables are [7.636363636363633, 4.636363636363633, 9.0,
 -1.3484848484848486, 4.454545454545455, 7.257575757575761, -6.303030303030297,
 8.575757575757574, 6.878787878787877, 8.787878787878787, -0.0]
 th with load 15
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 PRICER_C: Found path with load 15
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PRICER_C: Found path with load 15
Path is currently at node 9 with load 5
PRICER_C: Found path with load 16
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PRICER_C: Found path with load 18
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PRICER_C: Found path with load 15
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PRICER_C: Found path with load 13
Path is currently at node 9 with load 5
PRICER_C: Found path with load 14
Path is currently at node 10 with load 6
PRICER_C: Found path with load 17
Path is currently at node 1 with load 10
PRICER_C: Found path with load 12
Path is currently at node 8 with load 5
PRICER_C: Found path with load 13
Path is currently at node 10 with load 6
PRICER_C: Found path with load 15
Path is currently at node 1 with load 10
PRICER_C: Found path with load 13
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PRICER_C: Found path with load 12
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Path is currently at node 9 with load 5

Path is currently at node 1 with load 10
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 28
 Path is currently at node 3 with load 7
 [0 6 10 6 9 11 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
 0]
 Labelling found path (0, 6, 10, 6, 9, 11) with negative reduced cost
 Added (0, 6, 10, 6, 9, 11) with path weight 17
 There are 2 occurrences of node 6
 There are 1 occurrences of node 9
 There are 1 occurrences of node 10
 Dual variables are [9.750000000000002, 6.750000000000002, 9.0,
 7.847222222222226, -4.333333333333337, 4.736111111111112, -0.27777777777777857,
 7.111111111111111, -0.44444444444444464, 7.972222222222221, -0.0]
 Path is currently at node 2 with load 8
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 26
 Path is currently at node 5 with load 5
 Path is currently at node 2 with load 8
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 26
 Path is currently at node 6 with load 5
 Path is currently at node 2 with load 8
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 23
 Path is currently at node 7 with load 2
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 PRICER_C: Found path with load 26
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 PRICER_C: Found path with load 27
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 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 28
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 20
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 24
 Path is currently at node 10 with load 6
 Path is currently at node 8 with load 5
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PRICER_C: Found path with load 28
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Path is currently at node 9 with load 5
Path is currently at node 5 with load 5
PRICER_C: Found path with load 25
Path is currently at node 3 with load 7
Path is currently at node 9 with load 5
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PRICER_C: Found path with load 24
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PRICER_C: Found path with load 23
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PRICER_C: Found path with load 20
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PRICER_C: Found path with load 23
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PRICER_C: Found path with load 28
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PRICER_C: Found path with load 26
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PRICER_C: Found path with load 25
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PRICER_C: Found path with load 26
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PRICER_C: Found path with load 30
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Path is currently at node 1 with load 10
PRICER_C: Found path with load 27
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PRICER_C: Found path with load 22
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PRICER_C: Found path with load 25
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PRICER_C: Found path with load 23
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PRICER_C: Found path with load 21
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PRICER_C: Found path with load 30
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 PRICER_C: Found path with load 28
 Path is currently at node 7 with load 2

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PRICER_C: Found path with load 28
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PRICER_C: Found path with load 25
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PRICER_C: Found path with load 25
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PRICER_C: Found path with load 26
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PRICER_C: Found path with load 25
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PRICER_C: Found path with load 30
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PRICER_C: Found path with load 30
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PRICER_C: Found path with load 30
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PRICER_C: Found path with load 30
Path is currently at node 5 with load 5
Path is currently at node 9 with load 5
Path is currently at node 5 with load 5
Path is currently at node 9 with load 5
Path is currently at node 5 with load 5
PRICER_C: Capacity is 30
PRICER_C: Found path with load 18
Path is currently at node 2 with load 8
PRICER_C: Found path with load 17
Path is currently at node 3 with load 7
PRICER_C: Found path with load 15
Path is currently at node 5 with load 5
PRICER_C: Found path with load 15
Path is currently at node 6 with load 5
PRICER_C: Found path with load 15
Path is currently at node 8 with load 5
PRICER_C: Found path with load 15
Path is currently at node 9 with load 5
PRICER_C: Found path with load 16
Path is currently at node 10 with load 6
PRICER_C: Found path with load 18
Path is currently at node 1 with load 10
PRICER_C: Found path with load 15
Path is currently at node 3 with load 7

PRICER_C: Found path with load 13
Path is currently at node 5 with load 5
PRICER_C: Found path with load 13
Path is currently at node 8 with load 5
PRICER_C: Found path with load 13
Path is currently at node 9 with load 5
PRICER_C: Found path with load 14
Path is currently at node 10 with load 6
PRICER_C: Found path with load 17
Path is currently at node 1 with load 10
PRICER_C: Found path with load 13
Path is currently at node 10 with load 6
PRICER_C: Found path with load 15
Path is currently at node 1 with load 10
PRICER_C: Found path with load 15
Path is currently at node 1 with load 10
PRICER_C: Found path with load 11
Path is currently at node 10 with load 6
PRICER_C: Found path with load 13
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PRICER_C: Found path with load 28
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PRICER_C: Found path with load 22

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PRICER_C: Found path with load 26
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PRICER_C: Found path with load 25
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PRICER_C: Found path with load 24

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PRICER_C: Found path with load 23
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PRICER_C: Found path with load 21
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PRICER_C: Found path with load 19
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PRICER_C: Found path with load 18
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PRICER_C: Found path with load 18
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PRICER_C: Found path with load 19
Path is currently at node 10 with load 6
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PRICER_C: Found path with load 21
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PRICER_C: Found path with load 19
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PRICER_C: Found path with load 19

Path is currently at node 8 with load 5
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PRICER_C: Found path with load 22
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PRICER_C: Found path with load 27
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PRICER_C: Found path with load 30
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 PRICER_C: Found path with load 26
 Path is currently at node 6 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 29
 Path is currently at node 10 with load 6
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 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 29
 Path is currently at node 10 with load 6
 Path is currently at node 5 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 30
 Path is currently at
 Labelling found path (0, 6, 10, 3, 10, 8, 11) with negative reduced cost
 Added (0, 6, 10, 3, 10, 8, 11) with path weight 18
 There are 1 occurrences of node 3
 There are 1 occurrences of node 6
 There are 1 occurrences of node 8
 There are 2 occurrences of node 10
 Dual variables are [5.97142857142857, 2.9714285714285698, 9.0,
 5.633333333333336, 1.9571428571428537, 4.43809523809524, 3.1761904761904773,
 4.9238095238095205, 8.033333333333333, -0.1809523809523803, -0.0]
 node 3 with load 7

Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 28
Path is currently at node 5 with load 5
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 28
Path is currently at node 6 with load 5
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PRICER_C: Found path with load 25
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PRICER_C: Found path with load 27
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PRICER_C: Found path with load 30
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PRICER_C: Capacity is 30
PRICER_C: Found path with load 17
Path is currently at node 3 with load 7
PRICER_C: Found path with load 15
Path is currently at node 6 with load 5

PRICER_C: Found path with load 15
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PRICER_C: Capacity is 30
PRICER_C: Found path with load 17
Path is currently at node 3 with load 7
PRICER_C: Found path with load 15
Path is currently at node 6 with load 5
PRICER_C: Found path with load 15
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Path is currently at node 9 with load 5
PRICER_C: Found path with load 16
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PRICER_C: Found path with load 14
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PRICER_C: Found path with load 13
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PRICER_C: Found path with load 12
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PRICER_C: Found path with load 10
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PRICER_C: Found path with load 11
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PRICER_C: Found path with load 13
Path is currently at node 3 with load 7
PRICER_C: Found path with load 11
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PRICER_C: Found path with load 11
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 PRICER_C: Found path with load 21
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 PRICER_C: Found path with load 21
 Path is currently at node 8 with load 5
 Path [0 9 7 9 7 9 7 9 7 11 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]
 Labelling found path (0, 9, 7, 9, 7, 9, 7, 9, 7, 11) with negative reduced cost
 Added (0, 9, 7, 9, 7, 9, 7, 9, 7, 11) with path weight 37
 is currently at node 10 with load 6
 PRICER_C: Found path with load 26
 Path is currently at node 2 with load 8
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 23
 Path is currently at node 5 with load 5
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PRICER_C: Found path with load 21
Path is currently at node 2 with load 8
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PRICER_C: Found path with load 18
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PRICER_C: Found path with load 19
Path is currently at node 6 with load 5
Path is currently at node 10 with load 6
PRICER_C: Found path with load 19
Path is currently at node 8 with load 5
Path is currently at node 10 with load 6
PRICER_C: FoThere are 4 occurences of node 7
There are 4 occurences of node 9
Dual variables are [7.277777777777777, 4.277777777777777, 9.0,
8.300925925925926, -1.0370370370370372, 3.4583333333333335, 3.8842592592592613,
4.597222222222222, 5.365740740740739, 0.472222222222223, -0.0]
und path with load 23
Path is currently at node 1 with load 10
Path is currently at node 10 with load 6
PRICER_C: Found path with load 21
Path is currently at node 2 with load 8
Path is currently at node 10 with load 6
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PRICER_C: Found path with load 18
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PRICER_C: Found path with load 18

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Path is currently at node 6 with load 5
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PRICER_C: Found path with load 26
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Path is currently at node 10 with load 6
Path is currently at node 6 with load 5
PRICER_C: Found path with load 30
Path is currently at node 5 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30

Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
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PRICER_C: Found path with load 30
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PRICER_C: Found path with load 29
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PRICER_C: Found path with load 28
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PRICER_C: Found path with load 26
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PRICER_C: Found path with load 20
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PRICER_C: Found path with load 26
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Path is currently at node 6 with load 5
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
ERROR: Path length exceeds maximum. Current value of path_len is 33
PRICER_C: Capacity is 30
PRICER_C: Found path with load 17
Path is currently at node 3 with load 7
PRICER_C: Found path with load 15
Path is currently at node 6 with load 5
PRICER_C: Found path with load 15
Path is currently at node 8 with load 5
PRICER_C: Found path with load 16
Path is currently at node 10 with load 6
PRICER_C: Found path with load 18
Path is currently at node 1 with load 10
PRICER_C: Found path with load 15
Path is currently at node 3 with load 7
PRICER_C: Found path with load 13
Path is currently at node 6 with load 5
PRICER_C: Found path with load 13
Path is currently at node 8 with load 5
PRICER_C: Found path with load 14
Path is currently at node 10 with load 6
PRICER_C: Found path with load 13
Path is currently at node 10 with load 6
PRICER_C: Found path with load 12
Path is currently at node 10 with load 6
PRICER_C: Found path with load 11
Path is currently at node 10 with load 6
PRICER_C: Found path with load 13
Path is currently at node 3 with load 7
PRICER_C: Found path with load 28
Path is currently at node 1 with load 10
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PRICER_C: Found path with load 25

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Path is currently at node 3 with load 7
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PRICER_C: Found path with load 22
Path is currently at node 4 with load 6
Path is currently at node 10 with load 6
PRICER_C: Found path with load 21

Path is currently at node 6 with load 5
Path is currently at node 10 with load 6
PRICER_C: Found path with load 21
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PRICER_C: Found path with load 26
Path is currently at node 2 with load 8
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PRICER_C: Found path with load 23
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PRICER_C: Found path with load 21
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PRICER_C: Found path with load 24
Path is currently at node 1 with load 10
Path is currently at node 4 with load 6
PRICER_C: Found path with load 19
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 19

Path is currently at node 9 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 20
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 PRICER_C: Found path with load 23
 Path is currently at node 1 with load 10
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 PRICER_C: Found path with load 20
 Path is currently at node 4 with load 6
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 19
 Path is currently at node 6 with load 5
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 19
 Path is currently at node 8 with load 5
 0 2 7 9 7 9 7 9 11 0 0 0 0 0 0 0
 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
 Labelling found path (0, 2, 7, 9, 7, 9, 7, 9, 11) with negative reduced cost
 Added (0, 2, 7, 9, 7, 9, 7, 9, 11) with path weight 21
 th load 5
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 19
 Path is currently at node 9 with load 5
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 22
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 18
 Path is currently at node 6 with load 5
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 PRICER_C: Found path with load 23
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 PRICER_C: Found path with load 20
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 PRICER_C: Found path with load 19
 Path is currently at node 4 with load 6
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 PRICER_C: Found path with load 18
 Path is currently at node 6 with load 5
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 18
 Path is currently at node 8 with load 5
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 19
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 17
 Path is currently at node 6 with load 5
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 16
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 18
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 16
 Path is currently at node 6 with load 5
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 19
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 30
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 Path is currently at node 2 with load 8
 PRICER_C: Found path with load 30
 Path is currently at node 4 with load 6
 There are 1 occurrences of node 2
 There are 3 occurrences of node 7
 There are 3 occurrences of node 9
 Dual variables are [10.428571428571429, 7.428571428571429, 9.0,
 6.095238095238095, 0.3809523809523814, 1.095238095238095, -3.0476190476190457,
 3.80952380952381, 7.571428571428569, 2.0476190476190474, -0.0]
 d 6
 Path is currently at node 10 with load 6
 Path is currently at node 2 with load 8
 PRICER_C: Found path with load 29
 Path is currently at node 6 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 2 with load 8
 PRICER_C: Found path with load 29
 Path is currently at node 7 with load 2

Path is currently at node 1 with load 10
Path is currently at node 3 with load 7
PRICER_C: Found path with load 30
Path is currently at node 5 with load 5
Path is currently at node 2 with load 8
Path is currently at node 3 with load 7
PRICER_C: Found path with load 27
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PRICER_C: Found path with load 30
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PRICER_C: Found path with load 27
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Path is currently at node 4 with load 6
PRICER_C: Found path with load 24
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
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PRICER_C: Found path with load 30
Path is currently at node 5 with load 5
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PRICER_C: Found path with load 27
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PRICER_C: Found path with load 29
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 PRICER_C: Found path with load 25
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 28
 Path is currently at node 9 with load 5
 Path is currently at node 8 with load [0 9 1 9 1 11 0 0 0 0 0 0 0 0
 0 0 0 0 0 0 0 0 0 0
 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]
 Labelling found path (0, 9, 1, 9, 1, 11) with negative reduced cost
 Added (0, 9, 1, 9, 1, 11) with path weight 25
 There are 2 occurrences of node 1
 There are 2 occurrences of node 9
 Dual variables are [8.464285714285715, 8.214285714285714, 9.0,
 7.797619047619048, -1.0595238095238098, 2.797619047619047, 0.22619047619047672,
 3.1547619047619064, 4.035714285714286, 1.5238095238095233, -0.0]
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 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 30
 Path is currently at node 4 with load 6
 Path is currently at node 10 with load 6
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 29
 Path is currently at node 6 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 29
 Path is currently at node 8 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 1 with load 10

PRICER_C: Found path with load 28
Path is currently at node 5 with load 5
Path is currently at node 2 with load 8
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PRICER_C: Found path with load 26
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PRICER_C: Found path with load 28
Path is currently at node 2 with load 8
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PRICER_C: Found path with load 27
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PRICER_C: Found path with load 26
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PRICER_C: Found path with load 25
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PRICER_C: Found path with load 22
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PRICER_C: Found path with load 29
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PRICER_C: Found path with load 28
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PRICER_C: Found path with load 27
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PRICER_C: Found path with load 25
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PRICER_C: Found path with load 22
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PRICER_C: Found path with load 24
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 PRICER_C: Found path with load 21
 Path is currently at node 7 with load 2
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7

PRICER_C: Found path with load 30
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
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 PRICER_C: Found path with load 30
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 PRICER_C: Found path with load 29
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 PRICER_C: Found path with load 30
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 PRICER_C: Found path with load 30
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 PRICER_C: Found path with load 30
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PRICER_C: Found path with load 27
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PRICER_C: Found path with load 30
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PRICER_C: Found path with load 28
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PRICER_C: Found path with load 29
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PRICER_C: Found path with load 30
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PRICER_C: Found path with load 29
Path is currently at node 6 with load 5
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Path is currently at node 10 with load 6
PRICER_C: Found path with load 26
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 29
Path is currently at node 8 with load 5
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Capacity is 30

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PRICER_C: Found path with load 17
Path is currently at node 3 with load 7
PRICER_C: Found path with load 15
Path is currently at node 9 with load 5
PRICER_C: Found path with load 15
Path is currently at node 3 with load 7
PRICER_C: Found path with load 23
Path is currently at node 10 with load [ 0  2  5  4  6  4 11  0  0  0  0  0  0
0  0  0  0  0  0  0  0  0  0  0  0  0
    0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0]
Labelling found path (0, 2, 5, 4, 6, 4, 11) with negative reduced cost
Added (0, 2, 5, 4, 6, 4, 11) with path weight 18
6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 21
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 21
Path is currently at node 9 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 20
Path is currently at node 6 with load 5
Path is currently at node 9 with load 5
PRICER_C: Found path with load 25
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 23
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 23
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 25
Path is currently at node 1 with load 10
Path is currently at node 3 with load 7
PRICER_C: Found path with load 21
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 19
Path isThere are 1 occurences of node 2
There are 2 occurences of node 4
There are 1 occurences of node 5
There are 1 occurences of node 6
Dual variables are [5.429313929313923, 0.6891891891891833, 9.0,
4.740124740124731, 3.8419958419958533, 3.9885654885654933, -0.30041580041580485,
9.339916839916844, 7.070686070686077, -2.1642411642411687, -0.0]
    currently at node 6 with load 5
Path is currently at node 4 with load 6

```

PRICER_C: Found path with load 19
 Path is currently at node 9 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 18
 Path is currently at node 6 with load 5
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 18
 Path is currently at node 9 with load 5
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 15
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 15
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 24
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 22
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 22
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 18
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 14
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 20
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 16
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 16
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 20
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 14
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 12
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2

PRICER_C: Found path with load 28
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 30
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 26
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 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 26
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 6 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 6 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 9 with load 5
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 PRICER_C: Found path with load 30
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 PRICER_C: Found path with load 30
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 PRICER_C: Found path with load 26
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PRICER_C: Found path with load 26
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PRICER_C: Found path with load 26
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PRICER_C: Found path with load 29
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PRICER_C: Found path with load 28
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PRICER_C: Found path with load 28
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PRICER_C: Found path with load 25
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Path is currently at node 1 with load 10
PRICER_C: Found path with load 30
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 3 with load 7
PRICER_C: Found path with load 30
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
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PRICER_C: Found path with load 28
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 24
Path is currently at node 6 with load 5
Path is currently at node 9 with load 5
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PRICER_C: Found path with load 28
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 5 with load 5

PRICER_C: Found path with load 28
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PRICER_C: Found path with load 29
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Path is currently at node 5 with load 5
PRICER_C: Found path with load 26
Path is currently at node 3 with load 7
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PRICER_C: Found path with load 24
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PRICER_C: Found path with load 28
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Path is currently at node 5 with load 5
PRICER_C: Found path with load 23
Path is currently at node 6 with load 5
Path is currently at node 9 with load 5
Path is currently at node 5 with load 5
PRICER_C: Found path with load 25
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 25
Path is currently at node 1 with load 10
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 20
Path is currently at node 5 with load 5
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 20
Path is currently at node 6 with load 5
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2


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PRICER_C: Found path with load 17
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 30
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 24
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 26
Path is currently at node 10 with load 6
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PRICER_C: Found path with load 21
Path is currently at node 9 with load 5
Path is currently at node 6 with load 5
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PRICER_C: Found path with load 25
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 9 with load 5
PRICER_C: Found path with load 22
Path is currently at node 1 with load 10
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 17
Path is currently at node 6 with load 5
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 28
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 4 with load 6
Path is currently at node 9 with load 5
PRICER_C: Found path with load 28
Path is currently at node 4 with load 6
Path is currently at node [ 0 8 1 8 7 8 11 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0
    0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
PRICER_C: Found path with load 27
Path is currently at node 6 with load 5
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2

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Path is currently at node 9 with load 5
 PRICER_C: Found path with load 24
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 30
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 30
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is current
 Labelling found path (0, 8, 1, 8, 7, 8, 11) with negative reduced cost
 Added (0, 8, 1, 8, 7, 8, 11) with path weight 25
 There are 1 occurrences of node 1
 There are 1 occurrences of node 7
 There are 3 occurrences of node 8
 Dual variables are [5.809523809523811, 2.5, 9.0, 3.3095238095238084,
 4.642857142857143, 4.238095238095242, -0.5238095238095231, 6.57142857142857,
 6.690476190476189, -0.904761904761906, -0.0]
 ly at node 1 with load 10
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 29
 Path is currently at node 9 with load 5
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 4 with load 6
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 29
 Path is currently at node 9 with load 5
 Path is currently at node 6 with load 5

Path is currently at node 4 with load 6
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 PRICER_C: Found path with load 30
 Path is currently at node 10 with load 6
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 PRICER_C: Found path with load 25
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 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 5 with load 5
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 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 30
 Path is currently at node 8 with load 5
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 PRICER_C: Found path with load 30
 Path is currently at node 9 with load 5
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 PRICER_C: Found path with load 26
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 26

Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
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 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 26
 Path is currently at node 9 with load 5
 Path is currently at node 4 with load 6
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 PRICER_C: Found path with load 26
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 PRICER_C: Found path with load 25
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 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 25
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 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 24
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 PRICER_C: Found path with load 22
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 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 29
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
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Path is currently at node 1 with load 10
 PRICER_C: Found path with load 23
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 6 with load 5
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 PRICER_C: Found path with load 27
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 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 23
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 19
 Path is currently at node 8 with load 5
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 PRICER_C: Found path with load 19
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 PRICER_C: Found path with load 27
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 Added (0, 2, 5, 4, 5, 9, 11) with path weight 11
 th load 24
 Path is currently at node 6 with load 5
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 PRICER_There are 1 occurrences of node 2
 There are 1 occurrences of node 4
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 Dual variables are [9.643518518518519, 2.8611111111111107, 9.0,
 6.7824074074074066, -0.75, 2.324074074074076, 3.1898148148148158,
 4.055555555555555, 2.856481481481481, 1.3101851851851842, -0.0]
 C: Found path with load 30
 Path is currently at node 10 with load 6
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 PRICER_C: Found path with load 30
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PRICER_C: Capacity is 30
PRICER_C: Found path with load 17
Path is currently at node 3 with load 7
PRICER_C: Found path with load 15
Path is currently at node 9 with load 5
PRICER_C: Found path with load 15
Path is currently at node 3 with load 7
PRICER_C: Found path with load 13
Path is currently at node 3 with load 7
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 negative reduced cost
 Added (0, 3, 10, 3, 10, 11) with path weight 13
 with load 2
 PRICER_C: Found path with load 22
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 Path is currently at node 4 with load 6
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 PRICER_C: Found path with load 21
 Path is currently at node There are 2 occurrences of node 3
 There are 2 occurrences of node 10
 Dual variables are [8.220338983050848, 5.300847457627118, 9.0,
 2.9194915254237293, -0.75, 7.610169491525424, 0.9533898305084745,
 5.275423728813559, 4.279661016949153, -2.5, -0.0]
 9 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 25
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 PRICER_C: Found path with load 23
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 PRICER_C: Found path
 Labelling found path (0, 6, 4, 6, 4, 6, 11) with negative reduced cost
 Added (0, 6, 4, 6, 4, 6, 11) with path weight 17
 with load 24
 Path is currently at node 7 with load 2
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 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 29
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2

Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 29
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 17
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 15
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 15
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 18
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 15
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 13
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 14
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 17
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 13
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 28
 Path is currently at node 1 with load 10
 Path is currently at node 2 with load 8
 PRICER_C: Found path with load 25
 Path is currently at node 3 with load 7
 Path is currently at node 2 with load 8
 PRICER_C: Found path with load 23
 Path is currently at node 5 with load 5
 Path is currently at node 2 with load 8
 PRICER_C: Found path with load 24
 Path is currently at node 10 with load 6
 Path is currently at node 2 with load 8
 PRICER_C: Found path with load 27
 Path is currently at node 1 with load 10
 Path is cuThere are 2 occurences of node 4
 There are 3 occurences of node 6
 Dual variables are [8.360294117647058, 8.823529411764708, 9.0,
 5.389705882352941, -3.676470588235297, 2.0735294117647056, -0.08088235294117752,

5.5735294117647065, 4.139705882352942, -2.5, -0.0]

Currently at node 3 with load 7

PRICER_C: Found path with load 25

Path is currently at node 2 with load 8

Path is currently at node 3 with load 7

PRICER_C: Found path with load 23

Path is currently at node 10 with load 6

Path is currently at node 3 with load 7

PRICER_C: Found path with load 21

Path is currently at node 6 with load 5

Path is currently at node 4 with load 6

PRICER_C: Found path with load 21

Path is currently at node 9 with load 5

Path is currently at node 4 with load 6

PRICER_C: Found path with load 22

Path is currently at node 10 with load 6

Path is currently at node 4 with load 6

PRICER_C: Found path with load 25

Path is currently at node 1 with load 10

Path is currently at node 8 with load 5

PRICER_C: Found path with load 25

Path is currently at node 1 with load 10

Path is currently at node 9 with load 5

PRICER_C: Found path with load 21

Path is currently at node 4 with load 6

Path is currently at node 9 with load 5

PRICER_C: Found path with load 20

Path is currently at node 6 with load 5

Path is currently at node 9 with load 5

PRICER_C: Found path with load 26

Path is currently at node 2 with load 8

Path is currently at node 1 with load 10

PRICER_C: Found path with load 25

Path is currently at node 3 with load 7

Path is currently at node 1 with load 10

PRICER_C: Found path with load 24

Path is currently at node 4 with load 6

Path is currently at node 1 with load 10

PRICER_C: Found path with load 23

Path is currently at node 5 with load 5

Path is currently at node 1 with load 10

PRICER_C: Found path with load 23

Path is currently at node 6 with load 5

Path is currently at node 1 with load 10

PRICER_C: Found path with load 23

Path is currently at node 8 with load 5

Path is currently at node 1 with load 10

PRICER_C: Found path with load 23

Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 24
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 PRICER_C: Found path with load 25
 Path is currently at node 1 with load 10
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 PRICER_C: Found path with load 19
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 Path is currently at node 2 with load 8
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 0]th load 5
 PRICER_C: Found path with load 18
 Path is currently at node 9 with load 5
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 21
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 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 22
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 22
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 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 20
 Path is currently at node 8 with load 5

Path is currently at node 1 with load 10
 PRICER_C: Found path with load 20
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 30
 Path is currently at node 7 with load 2
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 Path is currently at node 2 with load 8
 PRICER_C: Found path with load 29
 Path is currently at node 7 with load 2
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 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 30
 Path is currently at node 5 with load 5
 Path is currently at node 2 with load 8
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 30
 Path is currently at node 6 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 8 with load 5
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 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 9 with load 5
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 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 5 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 6 with load 5
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 PRICER_C: Found path with load 27
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10

Path is currently at node 9 with load 5
PRICER_C: Found path with load 28
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
Path is currently at node 1 with load 10
PRICER_C: Found path with load 29
Path is currently at node 5 with load 5
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PRICER_C: Found path with load 29
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PRICER_C: Found path with load 29
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PRICER_C: Found path with load 30
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PRICER_C: Found path with load 29
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PRICER_C: Found path with load 25
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 29
Path is currently at node 10 with load 6
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 29
Path is currently at node 4 with load 6
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 28
Path is currently at node 5 with load 5
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 28
Path is currently at node 6 with load 5
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 25
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5

Path is currently at node 1 with load 10
PRICER_C: Found path with load 30
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
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PRICER_C: Found path with load 30
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PRICER_C: Found path with load 30
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PRICER_C: Found path with load 29
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PRICER_C: Found path with load 28
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PRICER_C: Found path with load 26
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PRICER_C: Found path with load 26
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Path is currently at node 2 with load 8
Path is currently at node 5 with load 5
PRICER_C: Found path with load 27
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 30
Path is currently at node 1 with load 10
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
PRICER_C: Capacity is 30
PRICER_C: Found path with load 17
Path is currently at node 3 with load 7
PRICER_C: Found path with load 15
Path is currently at node 9 with load 5
PRICER_C: Found path with load 18
Path is currently at node 1 with load 10
PRICER_C: Found path with load 15
Path is currently at node 3 with load 7
PRICER_C: Found path with load 13
Path is currently at node 6 with load 5

PRICER_C: Found path with load 14
Path is currently at node 10 with load 6
PRICER_C: Found path with load 28
Path is currently at node 1 with load 10
Path is currently at node 2 with load 8
PRICER_C: Found path with load 25
Path is currently at node 3 with load 7
Path is currently at node 2 with load 8
PRICER_C: Found path with load 23
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Path is currently at node 2 with load 8
PRICER_C: Found path with load 24
Path is currently at node 10 with load 6
Path is currently at node 2 with load 8
PRICER_C: Found path with load 25
Path is currently at node 2 with load 8
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PRICER_C: Found path with load 23
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 21
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 21
Path is currently at node 9 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 26
Path is currently at node 2 with load 8
Path is currently at node 1 with load 10
PRICER_C: Found path with load 25
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 24
Path is currently at node 4 with load 6
Path is currently at node 1 with load 10
PRICER_C: Found path with load 23
Path is currently at node 5 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 23
Path is currently at node 6 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 20
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
PRICER_C: Found path with load 23
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 23

Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 24
 Labelling found path (0, 2, 7, 2, 7, 11) with negative reduced cost
 Added (0, 2, 7, 2, 7, 11) with path weight 15
 Path is currently at node 10 with load 6
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 25
 Path is currently at node 1 with load 10
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 23
 Path is currently at node 2 with load 8
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 21
 Path is currently at node 4 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 20
 Path is currently at node 6 with load 5
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 20
 Path is currently at node 8 with load 5
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 20
 Path is currently at node 9 with load 5
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 21
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 24
 Path is currently at node 1 with load 10
 Path is currently at node 4 with load 6
 PRIThere are 2 occurrences of node 2
 There are 2 occurrences of node 7
 Dual variables are [7.348837209302325, 8.476744186046512, 9.0,
 1.4883720930232567, -2.0581395348837215, 4.674418604651161, -0.9767441860465116,
 6.209302325581397, 5.151162790697675, -2.5, -0.0]
 CER_C: Found path with load 22
 Path is currently at node 2 with load 8
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 19
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 19
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 19
 Path is currently at node 8 with load 5
 Path is currently at node 4 with load 6

PRICER_C: Found path with load 19
Path is currently at node 9 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 20
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
PRICER_C: Found path with load 21
Path is currently at node 2 with load 8
Path is currently at node 5 with load 5
PRICER_C: Found path with load 19
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
PRICER_C: Found path with load 18
Path is currently at node 6 with load 5
Path is currently at node 5 with load 5
PRICER_C: Found path with load 18
Path is currently at node 9 with load 5
Path is currently at node 5 with load 5
PRICER_C: Found path with load 18
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
PRICER_C: Found path with load 15
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 15
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 21
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 19
Path is currently at node 8 with load 5
Path is currently at node 10 with load 6
PRICER_C: Found path with load 22
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 18
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 16
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 30
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 2 with load 8
PRICER_C: Found path with load 30
Path is currently at node 5 with load 5

Path is currently at node 2 with load 8
Path is currently at node 3 with load 7
PRICER_C: Found path with load 27
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
Path is currently at node 3 with load 7
PRICER_C: Found path with load 28
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
Path is currently at node 1 with load 10
PRICER_C: Found path with load 30
Path is currently at node 6 with load 5
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 27
Path is currently at node 7 with load 2
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 29
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
Path is currently at node 1 with load 10
PRICER_C: Found path with load 29
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 1 with load 10
PRICER_C: Found path with load 26
Path is currently at node 7 with load 2
Path is currently at node 4 with load 6
Path is currently at node 1 with load 10
PRICER_C: Found path with load 29
Path is currently at node 9 with load 5
Path is currently at node 4 with load 6
Path is currently at node 1 with load 10
PRICER_C: Found path with load 30
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
Path is currently at node 1 with load 10
PRICER_C: Found path with load 29
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 25
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 29
Path is currently at node 4 with load 6

Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 28
 Path is currently at node 5 with load 5
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 28
 Path is currently at node 6 with load 5
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 25
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 27
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 30
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 3 with load 7
 PRI[0 2 7 2 5 11 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]
 Labelling found path (0, 2, 7, 2, 5, 11) with negative reduced cost
 Added (0, 2, 7, 2, 5, 11) with path weight 12
 CER_C: Found path with load 30
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 30
 Path is currently at node 3 with load 7
 Path is currently at node 2 with load 8
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 29
 Path is currently at node 4 with load 6
 Path is currently at node 2 with load 8
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 28
 Path is currently at node 5 with load 5
 Path is currently at node 2 with load 8
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 25
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 29
 Path is currently at node 10 with load 6
 Path is currently at node 2 with load 8

Path is currently at node 3 with load 7
PRICER_C: Found path with load 26
Path is currently at node 5 with load 5
Pat
h is currently at node 4 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 26
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 26
Path is currently at node 9 with load 5
Path is currently at node 4 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 29
Path is currently at node 2 with load 8
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PRICER_C: Found path with load 28
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Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 27
Path is currently at node 4 with load 6
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 23
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 29
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 4 with load 6
PRICER_C: Found path with load 24
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
Path is currently at node 4 with load 6
PRICER_C: Found path with load 23
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
Path is currently at node 5 with load 5
PRICER_C: Found path with load 24
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
PRICER_C: Found path with load 24
Path is currently at node 6 with load 5

Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 28
 Path is currently at node 1 with load 10
 Path is currently at node 2 with load 8
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 23
 Path is currently at node 5 with load 10
 There are 2 occurrences of node 2
 There are 1 occurrences of node 5
 There are 1 occurrences of node 7
 Dual variables are [8.499999999999998, 6.749999999999999, 9.0,
 4.749999999999998, -2.25, 2.500000000000001, 0.7500000000000018, 5.25,
 4.000000000000002, -2.5, -0.0]
 ad 5
 Path is currently at node 2 with load 8
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 20
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 27
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 30
 Path is currently at node 4 with load 6
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 17
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 15
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 15
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 15
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 25
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 22
 Path is currently at node 3 with load 7
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 20
 Path is currently at node 9 with load 5
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 20


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Path is currently at node 6 with load 5
Path is currently at node 9 with load 5
PRICER_C: Found path with load 25
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 23
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 23
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 18
Path is currently at node 9 with load 5
Path is currently at node 5 with load 5
PRICER_C: Found path with load 24
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 22
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 22
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 20
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 20
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 16
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 16
Path is currently at node 9 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 22
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 20
Path is currently at node 6 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 20
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with [ 0 2 7 2 7 11 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0
    0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]
Labelling found path (0, 2, 7, 2, 7, 11) with negative reduced cost

```

Path already in variables with reduced cost -0.0 with farkas False.
 Dual variables are [9.540697674418603, 4.465116279069768, 9.0,
 7.296511627906977, -1.8604651162790704, 0.8023255813953488, 2.552325581395349,
 4.302325581395349, 2.9593023255813975, 1.9476744186046506, -0.0]load 20
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 28
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 28
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 30
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 26
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
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 PRICER_C: Found path with load 26
 Path is currently at node 6 with load 5
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 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 5 with load 5
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 8 with load 5
 PRICER_C: Found path with load 30
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 Path is currently at node 8 with load 5
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 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 30
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 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 25
 Path is currently at node 6 with load 5
 Path is currently at node 9 with load 5
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 26

Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
Path is currently at node 9 with load 5
PRICER_C: Found path with load 26
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 9 with load 5
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PRICER_C: Found path with load 29
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PRICER_C: Found path with load 28
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PRICER_C: Found path with load 30
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PRICER_C: Found path with load 28
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PRICER_C: Found path with load 28
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PRICER_C: Found path with load 26
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PRICER_C: Found path with load 24
Path is currently at node 6 with load 5
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PRICER_C: Found path with load 24
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PRICER_C: Found path with load 23

Path is currently at node 6 with load 5
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PRICER_C: Found path with load 30
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PRICER_C: Found path with load 29
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PRICER_C: Found path with load 27
Path is currently at node 9 with load 5
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PRICER_C: Found path with load 26
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Path is currently at node 10 with load 6
PRICER_C: Found path with load 22
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PRICER_C: Found path with load 30
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PRICER_C: Found path with load 21
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Path is currently at node 4 with load 6
PRICER_C: Found path with load 21
Path is currently at node 6 with load 5
Path is currently at node 9 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 28
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 30

Path is currently at node 1 with load 10
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 PRICER_C: Found path with load 27
 Path is currently at node 3 with load 7
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 PRICER_C: Found path with load 25
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 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 26
 Path is currently at node 10 with load 6
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with lo[0 2 3 10 3 7 11 0 0 0 0 0 0 0 0 0
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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]
 Labelling found path (0, 2, 3, 10, 3, 7, 11) with negative reduced cost
 ad 25
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 29
 Path is currently at node 6 with load 5
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 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 29
 Path is currently at node 9 with load 5
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 29
 Path is currently at node 5 with load 5
 Path is currently at node 9 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 29
 Path is currently at node 6 with load 5
 Path is currently at noAdded (0, 2, 3, 10, 3, 7, 11) with path weight 22
 There are 1 occurences of node 2
 There are 2 occurences of node 3

There are 1 occurrences of node 7
 There are 1 occurrences of node 10
 Dual variables are [9.613074204946997, 4.197879858657243, 5.708480565371026,
 7.413427561837454, -1.74911660777385, 0.7243816254416968, 2.7137809187279163,
 4.224381625441695, 2.886925795053003, 3.671378091872791, -0.0]
 de 9 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 29
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 29
 Path is currently at node 3 with load 7
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 27
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 27
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 27
 Path is currently at node 9 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 27
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 17
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 15
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 15
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 15
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 20

Path is currently at node 9 with load 5
Path is currently at node 5 with load 5
PRICER_C: Found path with load 25
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 20
Path is currently at node 6 with load 5
Path is currently at node 9 with load 5
PRICER_C: Found path with load 25
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 23
Path is currently at node 6 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 23
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 23
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 25
Path is currently at node 1 with load 10
Path is currently at node 3 with load 7
PRICER_C: Found path with load 21
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 18
Path is currently at node 6 with load 5
Path is currently at node 5 with load 5
PRICER_C: Found path with load 18
Path is currently at node 9 with load 5
Path is currently at node 5 with load 5
PRICER_C: Found path with load 24
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 22
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 20
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 20
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 16
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 16

Path is currently at node 9 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 20
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 30
 Path is currently at node 5 with load 5
 Path is currently at node 2 with load 8
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 30
 Path is currently at node 3 with load 7
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 PRICER_C: Found path with load 28
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 PRICER_C: Found path with load 26
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 PRICER_C: Found path with load 26
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 PRICER_C: Found path with load 30
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 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 30
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 PRICER_C: Found path with load 30
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 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
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 load 5
 PRICER_C: Found path with load 28
 Path is currently at node 6 with load 5
 Path is currently at node 5 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 28

Path is currently at node 9 with load 5
 Path is currently at node 5 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 28
 Path is currently at node 5 with load 5
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 PRICER_C: Found path with load 28
 Path is currently at node 6 with load 5
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 PRICER_C: Found path with load 30
 Path is currently at node 5 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 30
 Path is currently at node 6 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 3
 Labelling found path (0, 2, 10, 4, 6, 11) with negative reduced cost
 Added (0, 2, 10, 4, 6, 11) with path weight 12
 There are 1 occurrences of node 2
 There are 1 occurrences of node 4
 There are 1 occurrences of node 6
 There are 1 occurrences of node 10
 Dual variables are [9.595652173913045, 1.7021739130434774, 7.063043478260867,
 5.963043478260867, 0.21521739130434892, 1.691304347826088, 3.5282608695652193,
 3.958695652173911, 2.904347826086955, 2.6434782608695673, -0.0]
 0
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 30
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 26
 Path is currently at node 5 with load 5
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 PRICER_C: Found path with load 26
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 PRICER_C: Found path with load 28
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Path is currently at node 3 with load 7
PRICER_C: Found path with load 26
Path is currently at node 6 with load 5
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PRICER_C: Found path with load 30
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PRICER_C: Found path with load 28
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PRICER_C: Found path with load 28
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PRICER_C: Found path with load 28
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Path is currently at node 5 with load 5
PRICER_C: Found path with load 26
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Path is currently at node 2 with load 8
Path is currently at node 5 with load 5
PRICER_C: Found path with load 29
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Path is currently at node 4 with load 6
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PRICER_C: Found path with load 26
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PRICER_C: Found path with load 24
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PRICER_C: Found path with load 23
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PRICER_C: Found path with load 23
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Path is currently at node 5 with load 5
PRICER_C: Found path with load 28
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Path is currently at node 9 with load 5
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PRICER_C: Found path with load 23
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PRICER_C: Found path with load 23
Path is currently at node 6 with load 5
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PRICER_C: Found path with load 30
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 26
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 30
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 5 with load 5
PRICER_C: Found path with load 30
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PRICER_C: Found path with load 30
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Path is currently at node 5 with load 5
PRICER_C: Found path with load 29
Path is currently at node 6 with load 5
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Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
PRICER_C: Found path with load 29
Path is currently at node 9 with load 5
Path is currently at node 5 with load 5

Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
PRICER_C: Capacity is 30
PRICER_C: Found path with load 17
Path is currently at node 3 with load 7
PRICER_C: Found path with load 15
Path is currently at node 8 with load 5
PRICER_C: Found path with load 15
Path is currently at node 9 with load 5
PRICER_C: Found path with load 18
Path is currently at node 1 with load 10
PRICER_C: Found path with load 15
Path is currently at node 3 with load 7
PRICER_C: Found path with load 28
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PRICER_C: Found path with load 23
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PRICER_C: Found path with load 26
Path is currently at node 1 with load 10
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PRICER_C: Found path with load 23
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
PRICER_C: Found path with load 21
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 21
Path is currently at node 9 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 22
Path is currently at node 10 with load 6
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PRICER_C: Found path with load 25
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 21
Path is currently at node 10 with load 6
Path is currently at node 8 with load 5
PRICER_C: Found path with load 25
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 24
Path is currently at node 4 with load 6

Path

Labelling found path (0, 3, 10, 3, 10, 11) with negative reduced cost

Path already in variables with reduced cost -6.413043478260867 with farkas
False.

Farkas Values are [0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, -0.5, 0.0]

There are no paths with negative reduced costs

Dual variables are [9.410377358490567, 2.830188679245289, 9.0,
5.9103773584905674, -0.4150943396226445, 1.7264150943396217, 2.966981132075471,
4.2075471698113205, 3.0896226415094326, 1.533018867924529, -0.0]

is currently at node 3 with load 7

PRICER_C: Found path with load 28

Path is currently at node 6 with load 5

Path is currently at node 4 with load 6

Path is currently at node 3 with load 7

PRICER_C: Found path with load 30

Path is currently at node 3 with load 7

Path is currently at node 10 with load 6

Path is currently at node 3 with load 7

PRICER_C: Found path with load 29

Path is currently at node 4 with load 6

Path is currently at node 10 with load 6

Path is currently at node 3 with load 7

PRICER_C: Found path with load 25

Path is currently at node 7 with load 2

Path is currently at node 10 with load 6

Path is currently at node 3 with load 7

PRICER_C: Found path with load 28

Path is currently at node 7 with load 2

Path is currently at node 1 with load 10

Path is currently at node 4 with load 6

PRICER_C: Found path with load 29

Path is currently at node 10 with load 6

Path is currently at node 3 with load 7

Path is currently at node 4 with load 6

PRICER_C: Found path with load 27

Path is currently at node 4 with load 6

Path is currently at node 6 with load 5

Path is currently at node 4 with load 6

PRICER_C: Found path with load 26

Path is currently at node 6 with load 5

Path is currently at node 4 with load 6

Path is currently at node 6 with load 5

PRICER_C: Found path with load 30

Path is currently at node 5 with load 5

Path is currently at node 1 with load 10

Path is currently at node 8 with load 5

PRICER_C: Found path with load 30

Path is currently at node 6 with load 5

Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 27
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
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PRICER_C: Found path with load 30
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PRICER_C: Found path with load 29
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PRICER_C: Found path with load 29
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PRICER_C: Found path with load 25
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PRICER_C: Found path with load 26
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 28
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 27
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 26
Path is currently at node 4 with load 6
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 25
Path is currently at node 6 with load 5

Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 25
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 25
 Path is currently at node 9 with load 5
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 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 30
 Path is currently at node 4 with load 6
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 PRICER_C: Found path with load 30
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 PRICER_C: Found path with load 28
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 PRICER_C: Found path with load 28
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 Path is currently at node 4 with load 6
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 24
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 30
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 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 28
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 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 26
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 17

Path is currently at node 3 with load 7
PRICER_C: Found path with load 15
Path is currently at node 6 with load 5
PRICER_C: Found path with load 15
Path is currently at node 8 with load 5
PRICER_C: Found path with load 15
Path is currently at node 9 with load 5
PRICER_C: Found path with load 18
Path is currently at node 1 with load 10
PRICER_C: Found path with load 15
Path is currently at node 3 with load 7
PRICER_C: Found path with load 13
Path is currently at node 6 with load 5
PRICER_C: Found path with load 12
Path is currently at node 3 with load 7
PRICER_C: Found path with load 28
Path is currently at node 1 with load 10
Path is currently at node 2 with load 8
PRICER_C: Found path with load 25
Path is currently at node 3 with load 7
Path is currently at node 2 with load 8
PRICER_C: Found path with load 27
Path is currently at node 1 with load 10
Path is currently at node 3 with load 7
PRICER_C: Found path with load 22
Path is currently at node 6 with load 5
Path is currently at node 3 with load 7
PRICER_C: Found path with load 23
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 21
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 25
Path is currently at node 1 with load 10
Path is currently at node 6 with load 5
PRICER_C: Found path with load 20
Path is currently at node 9 with load 5
Path is currently at node 6 with load 5
PRICER_C: Found path with load 25
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 20
Path is currently at node 6 with load 5
Path is currently at node 9 with load 5
PRICER_C: Found path with load 26
Path is currently at node 2 with load 8
Path is currently at node 1 with load 10

PRICER_C: Found path with load 25
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 23
Path is currently at node 6 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 23
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Path is currently at node 1 with load 10
PRICER_C: Found path with load 23
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PRICER_C: Found path with load 21
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Path is currently at node 3 with load 7
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PRICER_C: Found path with load 18
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PRICER_C: Found path with load 18
Path is currently at node 9 with load 5
Path is currently at node 6 with load 5
PRICER_C: Found path with load 15
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 24
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 22
Path is currently at node 6 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 22
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 22
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10

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PRICER_C: Found path with load 22
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path wi[ 0  3 10  3 10 11  0  0  0  0  0  0  0  0  0  0  0  0
0  0  0  0  0
    0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0]
Labelling found path (0, 3, 10, 3, 10, 11) with negative reduced cost
Path already in variables with reduced cost -8.066037735849058 with farkas
False.
Dual variables are [9.757270693512304, 2.0973154362416113, 9.0,
6.775167785234899, -0.3076062639821018, 1.1498881431767334, 3.558165548098433,
3.894854586129754, 2.7427293064876963, 1.9776286353467563, -0.0]
th load 20
Path is currently at node 6 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 20
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 20
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 16
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 29
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 3 with load 7
PRICER_C: Found path with load 30
Path is currently at node 5 with load 5
Path is currently at node 2 with load 8
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PRICER_C: Found path with load 30
Path is currently at node 6 with load 5
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PRICER_C: Found path with load 30
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 6 with load 5
PRICER_C: Found path with load 30
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
Path is currently at node 6 with load 5
PRICER_C: Found path with load 30
Path is currently at node 5 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5

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PRICER_C: Found path with load 30
 Path is currently at node 6 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 27
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 30
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 PRICER_C: Found path with load 28
 Path is currently at node 7 with load 2
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 PRICER_C: Found path with load 29
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 PRICER_C: Found path with load 29
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 Path is currently at node 6 with load 5
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 PRICER_C: Found path with load 25
 Path is currently at node 7 with load 2
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PRICER_C: Found path with load 28
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 PRICER_C: Found path with load 30
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PRICER_C: Found path with load 21
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PRICER_C: Found path with load 30
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PRICER_C: Found path with load 27
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PRICER_C: Found path with load 27
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Path is currently at node 4 with load 6
PRICER_C: Capacity is 30
PRICER_C: Found path with load 17
Path is currently at node 3 with load 7
PRICER_C: Found path with load 15
Path is currently at node 8 with load 5
PRICER_C: Found path with load 15
Path is currently at node 9 with load 5
PRICER_C: Found path with load 18
Path is currently at node 1 with load 10
PRICER_C: Found path with load 15
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PRICER_C: Found path with load 13
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PRICER_C: Found path with load 28
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PRICER_C: Found path with load 25
Path is currently at node 3 with load 7
Path is currently at node 2 with load 8
PRICER_C: Found path with load 23
Path is currently at node 6 with load 5
Path is currently at node 2 with load 8
PRICER_C: Found path with load 25
Path is currently at node 2 with load 8
Path is currently at node 3 with load 7
PRICER_C: Found path with load 23
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PRICER_C: Found path with load 21

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 PRICER_C: Found path with load 21
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 PRICER_C: Found path with load 20
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 PRICER_C: Found path with load 20

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 PRICER_C: Found path with load 30
 Path is currently at node 6 with load 5
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 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 27
 Path is currently at node 7 with load 2
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 29
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 Labelling found path (0, 3, 10, 4, 6, 11) with negative reduced cost
 Added (0, 3, 10, 4, 6, 11) with path weight 16
 There are 1 occurrences of node 3
 There are 1 occurrences of node 4
 There are 1 occurrences of node 6
 There are 1 occurrences of node 10
 Dual variables are [8.383333333333336, 5.0, 9.0, 3.3500000000000005,
 -0.7333333333333321, 3.433333333333333, 1.2166666666666615, 5.133333333333334,
 4.116666666666664, 0.2166666666666656, -0.0]
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 29
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 29
 Path is currently at node 9 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 29
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 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 29
 Path is currently at node 4 with load 6
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10

PRICER_C: Found path with load 28
Path is currently at node 5 with load 5
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 28
Path is currently at node 6 with load 5
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 30
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PRICER_C: Found path with load 27
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PRICER_C: Found path with load 30
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PRICER_C: Found path with load 30
Path is currently at node 9 with load 5
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PRICER_C: Found path with load 30
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PRICER_C: Found path with load 29
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Path is currently at node 6 with load 5
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PRICER_C: Found path with load 25
Path is currently at node 7 with load 2
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PRICER_C: Found path with load 29
Path is currently at node 10 with load 6
Path is currently at node 2 with load 8
Path is currently at node 3 with load 7
PRICER_C: Found path with load 26
Path is currently at node 5 with load 5
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PRICER_C: Found path with load 26
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Path is currently at node 1 with load 10
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PRICER_C: Found path with load 23
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PRICER_C: Found path with load 20
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
PRICER_C: Capacity is 30
PRICER_C: Found path with load 17
Path is currently at node 3 with load 7
PRICER_C: Found path with load 15
Path is currently at node 8 with load 5
PRICER_C: Found path with load 15
Path is currently at node 9 with load 5
[ 0 3 10 3 10 11 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]
Labelling found path (0, 3, 10, 3, 10, 11) with negative reduced cost
Path already in variables with reduced cost -5.433333333333334 with farkas
False.
Dual variables are [14.0, 5.0, 9.0, 3.1000000000000005, -2.2666666666666666,
3.1666666666666666, -2.0999999999999996, 4.3666666666666666, 7.433333333333334,
0.7333333333333334, -0.0]PRICER_C: Found path with load 18
Path is currently at node 1 with load 10
PRICER_C: Found path with load 15
Path is currently at node 3 with load 7
PRICER_C: Found path with load 13
Path is currently at node 6 with load 5
PRICER_C: Found path with load 13
Path is currently at node 8 with load 5
PRICER_C: Found path with load 13
Path is currently at node 9 with load 5

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PRICER_C: Found path with load 25
 Path is currently at node 2 with load 8
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 26
 Path is currently at node 2 with load 8
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 25
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 23
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 PRICER_C: Found path with load 23
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 PRICER_C: Found path with load 24
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 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 25
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 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 21
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 PRICER_C: Found path with load 19
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 PRICER_C: Found path with load 18
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 PRICER_C: Found path with load 22
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 PRICER_C: Found path with load 30
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 Path already in variables with reduced cost -14.333333333333336 with farkas
 False.
 Dual variables are [10.333333333333332, 10.0, 9.0, -7.333333333333332,
 -1.333333333333334, 3.4444444444444446, -7.333333333333333, 7.333333333333334,
 11.0, -0.8888888888888893, -0.0]
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PRICER_C: Found path with load 29
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
PRICER_C: Found path with load 30
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 5 with load 5
PRICER_C: Found path with load 30
Path is currently at node 9 with load 5

Path is currently at node 1 with load 10
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 26
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 29
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 27
 Path is currently at node 6 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load [0 2 9 1 9 7 11 0 0 0 0 0 0 0
 0 0 0 0 0 0 0 0 0 0 0
 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]2
 PRICER_C: Found path with load 24
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 27
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 27
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 30
 Path is currently at node 5 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 6 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 27
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 8 with load 1
 Labelling found path (0, 2, 9, 1, 9, 7, 11) with negative reduced cost
 Added (0, 2, 9, 1, 9, 7, 11) with path weight 27
 There are 1 occurrences of node 1
 There are 1 occurrences of node 2
 There are 1 occurrences of node 7
 There are 2 occurrences of node 9

Dual variables are [8.047619047619047, 10.0, 9.0, -12.238095238095235, 1.9047619047619033, 5.031746031746032, -9.904761904761903, 8.952380952380953, 9.428571428571429, -2.492063492063492, -0.0]

oad 5

Path is currently at node 1 with load 10

Path is currently at node 8 with load 5

PRICER_C: Found path with load 30

Path is currently at node 9 with load 5

Path is currently at node 1 with load 10

Path is currently at node 8 with load 5

PRICER_C: Found path with load 29

Path is currently at node 10 with load 6

Path is currently at node 3 with load 7

Path is currently at node 10 with load 6

PRICER_C: Found path with load 29

Path is currently at node 5 with load 5

Path is currently at node 4 with load 6

Path is currently at node 1 with load 10

PRICER_C: Found path with load 29

Path is currently at node 6 with load 5

Path is currently at node 4 with load 6

Path is currently at node 1 with load 10

PRICER_C: Found path with load 25

Path is currently at node 7 with load 2

Path is currently at node 8 with load 5

Path is currently at node 1 with load 10

PRICER_C: Found path with load 28

Path is currently at node 3 with load 7

Path is currently at node 10 with load 6

Path is currently at node 3 with load 7

PRICER_C: Found path with load 27

Path is currently at node 3 with load 7

Path is currently at node 1 with load 10

Path is currently at node 7 with load 2

PRICER_C: Found path with load 25

Path is currently at node 6 with load 5

Path is currently at node 1 with load 10

Path is currently at node 7 with load 2

PRICER_C: Found path with load 25

Path is currently at node 8 with load 5

Path is currently at node 1 with load 10

Path is currently at node 7 with load 2

PRICER_C: Found path with load 25

Path is currently at node 9 with load 5

Path is currently at node 1 with load 10

Path is currently at node 7 with load 2

PRICER_C: Found path with load 30

Path is currently at node 10 with load 6

Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 28
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 30
 Path is currently at node 1 with load 10
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 26
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Capacity is 30
 PRICER_C: There are no paths with negative reduced costs
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 17
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 15
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 15
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 18
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 15
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 28
 Path is currently at node 1 with load 10
 Path is currently at node 2 with load 8
 PRICER_C: Found path with load 27
 Path is currently at node 1 with load 10
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 23
 Path is currently at node 10 with load 6
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 PRICER_C: Found path with load 26
 Path is currently at node 1 with load 10
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 21
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 21
 Path is currently at node 9 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 22
 Path is currently at node 10 with load 6
 Path is currently at node 4 with load 6

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PRICER_C: Found path with load 25
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 21
Path is currently at node 10 with load 6
Path is currently at node 8 with load 5
PRICER_C: Found path with load 23
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 25
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
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PRICER_C: Found path with load 21
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 24
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 22
Path is currently at node 6 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 22
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 22
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 20
Path is currently at node 3 with load 7
Path[ 0  2  1  8  9  7 11  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
      0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0]
Labelling found path (0, 2, 1, 8, 9, 7, 11) with negative reduced cost
Added (0, 2, 1, 8, 9, 7, 11) with path weight 25
  is currently at node 10 with load 6
PRICER_C: Found path with load 30
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 2 with load 8
PRICER_C: Found path with load 29

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Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 27
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 28
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 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 30
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 29
 PaThere are 1 occurrences of node 1
 There are 1 occurrences of node 2
 There are 1 occurrences of node 7
 There are 1 occurrences of node 8
 There are 1 occurrences of node 9
 Dual variables are [7.666666666666667, 10.0, 9.0, -12.999999999999998,
 2.666666666666666, 5.666666666666667, -10.666666666666666, 9.333333333333332,
 8.666666666666666, -3.0, -0.0]
 th is currently at node 4 with load 6
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 28
 Path is currently at node 6 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
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 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 6 with load 5
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PRICER_C: Found path with load 26
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Capacity is 30
PRICER_C: Found path with load 17
Path is currently at node 3 with load 7
PRICER_C: Found path with load 15
Path is currently at node 8 with load 5
PRICER_C: Found path with load 15
Path is currently at node 9 with load 5
PRICER_C: Found path with load 15
Path is currently at node 3 with load 7
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PRICER_C: Found path with load 22
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PRICER_C: Found path with load 22
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Path is currently at node 7 with load 2
PRICER_C: Found path with load 24
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 PRICER_C: Found path with load 25
 [0 2 8 1 8 7 11 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
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 with load 2
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 PRICER_C: Found path with load 28
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 PRICER_C: Found path with load 27
 Path is currently at node 6 with load 5
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 Labelling found path (0, 2, 8, 1, 8, 7, 11) with negative reduced cost
 Added (0, 2, 8, 1, 8, 7, 11) with path weight 25
 There are 1 occurrences of node 1
 There are 1 occurrences of node 2
 There are 1 occurrences of node 7
 There are 2 occurrences of node 8
 Dual variables are [8.333333333333334, 10.0, 9.0, -12.999999999999998,
 2.6666666666666666, 5.4444444444444445, -10.666666666666666, 8.666666666666666,
 8.666666666666666, -2.5555555555555554, -0.0]
 th load 10
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 24
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 27
 Path is currently at node 8 with load 5
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 PRICER_C: Found path with load 27
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 PRICER_C: Found path with load 30

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PRICER_C: Found path with load 24
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Path is currently at node 10 with load 6
PRICER_C: Capacity is 30
PRICER_C: Found path with load 17
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PRICER_C: Found path with load 20
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PRICER_C: Found path with load 29
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PRICER_C: Found path with load 18
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PRICER_C: Found path with load 21
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 Labelling found path (0, 2, 3, 10, 3, 7, 11) with negative reduced cost
 Path already in variables with reduced cost -1.333333333333321 with farkas
 False.
 Dual variables are [7.0000000000000036, 8.166666666666667, 9.0,
 -10.666666666666668, 2.166666666666666, -6.500000000000002, -6.5000000000000036,
 8.166666666666666, 9.166666666666666, 3.166666666666668, -0.0]
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 Labelling found path (0, 2, 3, 2, 9, 7, 11) with negative reduced cost
 Added (0, 2, 3, 2, 9, 7, 11) with path weight 29
 There are 2 occurrences of node 2
 There are 1 occurrences of node 3
 There are 1 occurrences of node 7
 There are 1 occurrences of node 9
 Dual variables are [5.777777777777779, 10.0, 8.777777777777779,
 -10.666666666666666, 0.3333333333333333, -8.333333333333334,
 -10.777777777777779, 10.0, 11.0, 3.7777777777777786, -0.0]
 th is currently at node 4 with load 6
 Path is currently at node 1 with load 10
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Path is currently at node 9 with load 5
PRICER_C: Found path with load 20
Path is currently at node 8 with load 5
Path is currently at node 9 with load 5
PRICER_C: Found path with load 26
Path is currently at node 2 with load 8
Path is currently at node 1 with load 10
PRICER_C: Found path with load 25
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 23
Path is currently at node 5 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 23
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PRICER_C: Found path with load 23
Path is currently at node 8 with load 5
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PRICER_C: Found path with load 23
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 24
Path is currently at node 10 with load 6
Path is currently at node 1 with load 10
PRICER_C: Found path with load 25
Path is currently at node 1 with load 10
Path is currently at node 3 with load 7
PRICER_C: Found path with load 23
Path is currently at node 2 with load 8
Path is currently at node 3 with load 7
PRICER_C: Found path with load 20

Path is currently at node 9 with load 5
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 21
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 21
 Path is currently at node 2 with load 8
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 18
 Path is currently at node 6 with load 5
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 PRICER_C: Found path with load 22
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 PRICER_C: Found path with load 22
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 20
 Path is currently at node[0 2 1 8 9 7 11 0 0 0 0 0 0 0 0 0 0 0
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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0] 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 22
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 20
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 20
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 30
 Path is currently at node 5 with load 5

Path is currently at node 2 with load 8
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 30
 Path is currently at node 5 with load 5
 Path is currently at node 1 with load 10
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 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 Path is currently at
 Labelling found path (0, 2, 1, 8, 9, 7, 11) with negative reduced cost
 Path already in variables with reduced cost -1.0 with farkas False.
 Dual variables are [14.0, 1.9999999999999991, 9.0, -8.888888888888886,
 6.555555555555555, -0.33333333333333126, 1.4444444444444464, 3.1851851851851842,
 4.777777777777777, 3.074074074074074, -0.0]
 node 8 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 5 with load 5
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 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 30
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 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 27
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 28
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 Path is currently at node 1 with load 10

PRICER_C: Found path with load 29
 Path is currently at node 10 with load 6
 Path is currently at node 6 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 25
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
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 PRICER_C: Found path with load 28
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 PRICER_C: Found path with load 29
 Path is currently at node 4 with load 6
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 PRICER_C: Found path with load 28
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 PRICER_C: Found path with load 30
 Path is currently at node 9 with load 5
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PRICER_C: Found path with load 30
 Path is currently at node 3 with load 7
 Path is currently at node 2 with load 8
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 30
 Path is currently at node 1 with load 10
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 PRICER_C: Found path with load 28
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 PRICER_C: Found path with load 28
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 PRICER_C: Found path with load 28
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 PRICER_C: Found path with load 30
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 PRICER_C: Found path with load 25
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 PRICER_C: Found path with load 30
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 Path is currently at node 9 with load 5
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 30
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5

Path is currently at node 1 with load 10
Path is currently at node 9 with load 5
PRICER_C: Capacity is 30
PRICER_C: Found path with load 18
Path is currently at node 2 with load 8
PRICER_C: Found path with load 17
Path is currently at node 3 with load 7
PRICER_C: Found path with load 15
Path is currently at node 6 with load 5
PRICER_C: Found path with load 15
Path is currently at node 8 with load 5
PRICER_C: Found path with load 15
Path is currently at node 9 with load 5
PRICER_C: Found path with load 18
Path is currently at node 1 with load 10
PRICER_C: Found path with load 15
Path is currently at node 3 with load 7
PRICER_C: Found path with load 13
Path is currently at node 5 with load 5
PRICER_C: Found path with load 13
Path is currently at node 6 with load 5
PRICER_C: Found path with load 13
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PRICER_C: Found path with load 13
Path is currently at node 9 with load 5
PRICER_C: Found path with load 14
Path is currently at node 10 with load 6
PRICER_C: Found path with load 10
Path is currently at node 9 with load 5
PRICER_C: Found path with load 28
Path is currently at node 1 with load 10
Path is currently at node 2 with load 8
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Path is currently at node 10 with load 6
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PRICER_C: Found path with load 23
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PRICER_C: Found path with load 20
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PRICER_C: Found path with load 23

Path is currently at node 2 with load 8
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 PRICER_C: Found path with load 20
 Path is currently at node 8 with load 5
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 PRICER_C: Found path with load 30
 Path is currently at node 5 with load 5
 Path is currently at [0 5 9 1 8 11 0 0 0 0 0 0 0 0 0 0 0 0
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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]node 2 with load 8
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 30
 Path is currently at node 6 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5

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PRICER_C: Found path with load 30
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 28
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
Path is currently at node 1 with load 10
PRICER_C: Found path with load 28
Path is currently at node 5 with load 5
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Path is currently at node 1 with load 10
PRICER_C: Found path with load 28
Path is currently at node 9 with load 5
Path is currently at node 6 with load 5
Path is currently at node 1 with load 10
PRICER_C: F
Labelling found path (0, 5, 9, 1, 8, 11) with negative reduced cost
Added (0, 5, 9, 1, 8, 11) with path weight 19
There are 1 occurrences of node 1
There are 1 occurrences of node 5
There are 1 occurrences of node 8
There are 1 occurrences of node 9
Dual variables are [14.0, 1.75, 9.0, -4.083333333333333, 2.583333333333333, 5.5,
5.75, 1.75, 0.6666666666666667, 0.875, -0.0]
Found path with load 29
Path is currently at node 10 with load 6
Path is currently at node 6 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 30
Path is currently at node 3 with load 7
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 28
Path is currently at node 5 with load 5
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PRICER_C: Found path with load 28
Path is currently at node 6 with load 5
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 28
Path is currently at node 9 with load 5
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10

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PRICER_C: Found path with load 29
 Path is currently at node 10 with load 6
 Path is currently at node 8 with load 5
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 PRICER_C: Found path with load 28
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PRICER_C: Found path with load 26
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PRICER_C: Found path with load 27
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PRICER_C: Found path with load 30
Path is currently at node 7 with load 2
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Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Capacity is 30
PRICER_C: Found path with load 17
Path is currently at node 3 with load 7
PRICER_C: Found path with load 15
Path is currently at node 6 with load 5
PRICER_C: Found path with load 15
Path is currently at node 8 with load 5
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Path is currently at node 9 with load 5
PRICER_C: Found path with load 18
Path is currently at node 1 with load 10
PRICER_C: Found path with load 15
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PRICER_C: Found path with load 13

Path is currently at node 5 with load 5
 PRICER_C: Found path with load 13
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PRICER_C: Found path with load 25
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 PRICER_C: Found path with load [0 1 7 1 7 10 11 0 0 0 0 0 0 0 0 0
 0 0 0 0 0 0 0 0
 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]30
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 28
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 28
 Path is currently at node 3 with load 7
 Path is currently at node 2 with load 8
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 26
 Path is currently at node 5 with load 5
 Path is currently at node 2 with load 8
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 26
 Path is currently at node 6 with load 5
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Path is currently at node 5 with load 5
 PRICER_C: Found path with load 27
 Path is currently at node 10 with load 6
 Path is currently at node 2 with load 8
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 28
 Path is currently at node 1 with load 10
 Path is currently at node 9 w
 Labelling found path (0, 1, 7, 1, 7, 10, 11) with negative reduced cost
 Added (0, 1, 7, 1, 7, 10, 11) with path weight 25
 ith load 5
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 23
 Path is currently at node 5 with load 5
 Path is currently at node 9 with load 5
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 23
 Path is currently at node 6 with load 5
 Path is currently at node 9 with load 5
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 PRICER_C: Found path with load 28
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 18
 Path is currently at node 2 with load 8
 PRICER_C: Found path with load 17
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 15
 Path is currently at node 6 with load 5
 PRICER_C: Found path with load 15
 Path is cuThere are 2 occurences of node 1
 There are 2 occurences of node 7
 There are 1 occurences of node 10
 Dual variables are [13.750000000000004, 1.875, 9.0, -4.125000000000002, 2.625,
 5.749999999999998, 5.625, 1.8749999999999982, 0.75, -13.750000000000007, -0.0]
 rrently at node 8 with load 5
 PRICER_C: Found path with load 15
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 18
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 15

Path is currently at node 3 with load 7
PRICER_C: Found path with load 13
Path is currently at node 5 with load 5
PRICER_C: Found path with load 13
Path is currently at node 6 with load 5
PRICER_C: Found path with load 13
Path is currently at node 8 with load 5
PRICER_C: Found path with load 13
Path is currently at node 9 with load 5
PRICER_C: Found path with load 14
Path is currently at node 10 with load 6
PRICER_C: Found path with load 10
Path is currently at node 9 with load 5
PRICER_C: Found path with load 28
Path is currently at node 1 with load 10
Path is currently at node 2 with load 8
PRICER_C: Found path with load 25
Path is currently at node 3 with load 7
Path is currently at node 2 with load 8
PRICER_C: Found path with load 23
Path is currently at node 5 with load 5
Path is currently at node 2 with load 8
PRICER_C: Found path with load 23
Path is currently at node 6 with load 5
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PRICER_C: Found path with load 23
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PRICER_C: Found path with load 23
Path is currently at node 9 with load 5
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PRICER_C: Found path with load 24
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PRICER_C: Found path with load 25
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Path is currently at node 3 with load 7
PRICER_C: Found path with load 23
Path is currently at node 2 with load 8
Path is currently at node 5 with load 5
PRICER_C: Found path with load 25
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 20
Path is currently at node 9 with load 5

Path is currently at node 8 with load 5
PRICER_C: Found path with load 20
Path is currently at node 6 with load 5
Path is currently at node 9 with load 5
PRICER_C: Found path with load 26
Path is currently at node 2 with load 8
Path is currently at node 1 with load 10
PRICER_C: Found path with load 25
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PRICER_C: Found path with load 23
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Path is currently at node 3 with load 7
PRICER_C: Found path with load 23
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PRICER_C: Found path with load 21
Path is currently at node 2 with load 8

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 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
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 PRICER_C: Found path with load 28
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 Path is currently at node 6 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 29
 Path is currently at node 10 with load 6
 Path is currently at node 6 with load 5
 Path is currently at node 1 with load 10

PRICER_C: Found path with load 30
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Path is currently at node 8 with load 5
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PRICER_C: Found path with load 28
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PRICER_C: Found path with load 28
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PRICER_C: Found path with load 28
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Path is currently at node 1 with load 10
PRICER_C: Found path with load 30
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 3 with load 7
PRICER_C: Found path with load 30
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
Path is currently at node 3 with load 7
PRICER_C: Found path with load 30
Path is currently at node 3 with load 7
Path is currently at node 2 with load 8
Path is currently at node 3 with load 7
PRICER_C: Found path with load 28
Path is currently at node 5 with load 5
Path is currently at node 2 with load 8
Path is currently at node 3 with load 7
PRICER_C: Found path with load 30
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
Path is currently at node 3 with load 7

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PRICER_C: Found path with load 28
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 5 with load 5
PRICER_C: Found path with load 28
Path is currently at node 3 with load 7
Path is currently at node 2 with load 8
Path is currently at node 5 with load 5
PRICER_C: Found path with load 26
Path is currently at node 5 with load 5
Path is currently at node 2 with load 8
Path is currently at node 5 with load 5
PRICER_C: Found path with load 26
Path is currently at node 6 with load 5
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PRICER_C: Found path with load 27
Path is currently at node 10 with load 6
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Path is currently at node 5 with load 5
PRICER_C: Found path with load 28
Path is currently at node 1 with load 10
Path is currently at node 9 with load 5
Path is currently at node 5 with load 5
PRICER_C: Found path with load 23
Path is currently at node 6 with load 5
Path is currently at node 9 with load 5
Path is currently at node 5 with load 5
PRICER_C: Capacity is 30
PRICER_C: Found path with load 17
Path is currently at node 3 with load 7
PRICER_C: Found path with load 15
Path is currently at node 8 with load 5
PRICER_C: Found path with load 15
Path is currently at node 9 with load 5
PRICER_C: Found path with load 18
Path is currently at node 1 with load 10
PRICER_C: Found path [ 0 1 7 1 7 9 11 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0
    0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]with load 15
Path is currently at node 3 with load 7
PRICER_C: Found path with load 13
Path is currently at node 5 with load 5
PRICER_C: Found path with load 13
Path is currently at node 8 with load 5
PRICER_C: Found path with load 13
Path is currently at node 9 with load 5
PRICER_C: Found path with load 14

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Path is currently at node 10 with load 6
 PRICER_C: Found path with load 13
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 23
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 25
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 20
 Path is currently at node 9 with load 5
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 26
 Path is currently at node 2 with load 8
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 25
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 P
 Labelling found path (0, 1, 7, 1, 7, 9, 11) with negative reduced cost
 Added (0, 1, 7, 1, 7, 9, 11) with path weight 24
 There are 2 occurrences of node 1
 There are 2 occurrences of node 7
 There are 1 occurrences of node 9
 Dual variables are [8.81818181818182, 5.0454545454545485, 9.0,
 -0.04545454545455563, 0.8636363636363633, 2.8181818181818077,
 1.0454545454545396, 5.045454545454546, 4.2727272727272805, 0.5681818181818232,
 -0.0]
 RICER_C: Found path with load 23
 Path is currently at node 5 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 23
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 23
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 25
 Path is currently at node 1 with load 10
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 23
 Path is currently at node 2 with load 8
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 20
 Path is currently at node 8 with load 5
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 20
 Path is currently at node 9 with load 5

Path is currently at node 3 with load 7
PRICER_C: Found path with load 21
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 23
Path is currently at node 1 with load 10
Path is currently at node 5 with load 5
PRICER_C: Found path with load 21
Path is currently at node 2 with load 8
Path is currently at node 5 with load 5
PRICER_C: Found path with load 18
Path is currently at node 9 with load 5
Path is currently at node 5 with load 5
PRICER_C: Found path with load 21
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 19
Path is currently at node 8 with load 5
Path is currently at node 10 with load 6
PRICER_C: Found path with load 22
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 20
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 18
Path is currently at node 8 with load 5
Path is currently at node 10 with load 6
PRICER_C: Found path with load 20
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 30
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PRICER_C: Found path with load 30
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PRICER_C: Found path with load 30
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PRICER_C: Found path with load 30
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
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PRICER_C: Found path with load 30

Path is currently at node 9 with load 5
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Path is currently at node 9 with load 5
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PRICER_C: Found path with load 28
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PRICER_C: Found path with load 28
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PRICER_C: Found path with load 30
Path is currently at node 8 with load 5
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PRICER_C: Found path with load 30
Path is currently at node 9 with load 5
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PRICER_C: Found path with load 30
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PRICER_C: Found path with load 28
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PRICER_C: Found path with load 29
Path is currently at node 2 with load 8
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PRICER_C: Found path with load 28
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 26
Path is currently at node 5 with load 5
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 26

Path is currently at node 6 with load 5
Path is currently at node 10 with load 6
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PRICER_C: Found path with load 26
Path is currently at node 8 with load 5
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PRICER_C: Found path with load 28
Path is currently at node 8 with load 5
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PRICER_C: Found path with load 28
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
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PRICER_C: Found path with load 26
Path is currently at node 5 with load 5
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PRICER_C: Found path with load 28
Path is currently at node 1 with load 10
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Path is currently at node 5 with load 5
PRICER_C: Found path with load 23
Path is currently at node 5 with load 5
Path is currently at node 9 with load 5
Path is currently at node 5 with load 5
PRICER_C: Found path with load 27
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 28
Path is currently at node 2 with load 8
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 26
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 30
Path is currently at node 7 with load 2
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Capacity is 30
PRICER_C: Found path with load 17
Path is currently at node 3 with load 7
PRICER_C: Found path with load 15

Path is currently at node 8 with load 5
 PRICER_C: Found path with load 15
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 18
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 15
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 13
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 13
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 13
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 14
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 13
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 13
 Path is currently at node [0 3 10 3 10 11 0 0 0 0 0 0 0 0 0 0 0
 0 0 0 0 0 0
 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]
 Labelling found path (0, 3, 10, 3, 10, 11) with negative reduced cost
 Path already in variables with reduced cost -6.136363636363647 with farkas
 False.
 Farkas Values are [0.0, 0.0, -1.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0]3 with
 load 7
 PRICER_C: Found path with load 25
 Path is currently at node 2 with load 8
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 23
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 25
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 20
 Path is currently at node 9 with load 5
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 26
 Path is currently at node 2 with load 8
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 25
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 23
 Path is currently at node 5 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 23

Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 23
 Path is currently at node 9 with 1
 There are no paths with negative reduced costs
 Dual variables are [7.9375, 4.78125, 9.0, 3.0859375, -0.28125, 3.609375, 2.71875, 4.78125, 2.6875, 0.3046875, -0.0]
 oad 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 24
 Path is currently at node 10 with load 6
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 25
 Path is currently at node 1 with load 10
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 23
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 PRICER_C: Found path with load 21
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PRICER_C: Found path with load 30
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PRICER_C: Found path with load 30
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PRICER_C: Found path with load 30
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PRICER_C: Found path with load 30
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 PRICER_C: Found path with load 28
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 PRICER_C: Found path with load 26
 Path is currently at node 5 with load 5
 Path is currently at node 2 with load 8
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 27
 Path is currently at node 10 with load 6
 Path is currently at node 2 with load 8
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 28
 Path is currently at node 1 with load 10
 Path is currently at node 9 with load 5
 Path is currently at node 5 with load 5

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PRICER_C: Found path with load 23
Path is currently at node 5 with load 5
Path is currently at node 9 with load 5
Path is currently at node 5 with load 5
PRICER_C: Found path with load 27
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 30
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Capacity is 30
PRICER_C: Found path with load 17
Path is currently at node 3 with load 7
PRICER_C: Found path with load 15
Path is currently at node 8 with load 5
PRICER_C: Found path with load 15
Path is currently at node 9 with load 5
PRICER_C: Found path with load 18
Path is currently at node 1 with load 10
PRICER_C: Found path with load 15
Path is currently at node 3 with load 7
PRICER_C: Found path with load 13
Path is currently at node 5 with load 5
PRICER_C: Found path with load 13
Path is currently at node 8 with load 5
PRICER_C: Found path with load 13
Path is currently at node 9 with load 5
PRICER_C: Found path with load 14
Path is currently at node 10 with load 6
PRICER_C: Found path with load 10
Path is currently at node 9 with load 5
PRICER_C: Found path with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 26
Path is currently at node 2 with load 8
Path is currently at node 1 with load 10
PRICER_C: Found path with load 25
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 23
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 23
Path is currently at [ 0 2 7 2 7 2 11 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0

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Path is currently at node 1 with load 10
PRICER_C: Found path with load 25
Path is currently at node 1 with load 10
Path is currently at node 3 with load 7
PRICER_C: Found path with load 23
Path is currently at node 2 with load 8
Path is currently at node 3 with load 7
PRICER_C: Found path with load 20
Path is currently at node 8 with load 5
Path is currently at node 3 with load 7
PRICER_C: Found path with load 20
Path is currently at node 9 with load 5
Path is currently at node 3 with load 7
PRICER_C: Found path with load 21
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 21
Path is currently at node 2 with load 8
Path is currently at node 5 with load 5
PRICER_C: Found path with load 18
Path is currently at node 9 with load 5
Path is currently at node 5 with load 5
PRICER_C: Found path with load 23
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with
load 19
Path is currently at node 10 with load 6
Path is currently at node 8 with load 5
PRICER_C: Found path with load 18
Path is currently at node 8 with load 5
Path is currently at node 9 with load 5
PRICER_C: Found path with load 21
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 19
Path is currently at node 8 with load 5
Path is currently at node 10 with load 6
PRICER_C: Found path with load 30
Path is currently at node 3 with load 7
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 28
Path is currently at node 5 with load 5
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 28

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Path is currently at node 9 with load 5
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 29
 Path is currently at node 10 with load 6
 Path is currently at node Labelling found path (0, 2, 7, 2, 7, 2, 11) with
 negative reduced cost
 Added (0, 2, 7, 2, 7, 2, 11) with path weight 18
 There are 3 occurrences of node 2
 There are 2 occurrences of node 7
 Dual variables are [6.75, 3.0, 9.0, 2.9374999999999999, 1.5, 3.7083333333333334,
 4.5, 4.5833333333333332, 1.5, 0.35416666666666666, -0.0]
 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 28
 Path is currently at node 5 with load 5
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 28
 Path is currently at node 6 with load 5
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 28
 Path is currently at node 8 with load 5
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 30
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 30
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 30
 Path is currently at node 3 with load 7
 Path is currently at node 2 with load 8
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 28
 Path is currently at node 5 with load 5
 Path is currently at node 2 with load 8
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 25
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 28
 Path is currently at node 8 with load 5

Path is currently at node 2 with load 8
Path is currently at node 3 with load 7
PRICER_C: Found path with load 28
Path is currently at node 9 with load 5
Path is currently at node 2 with load 8
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PRICER_C: Found path with load 29
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Path is currently at node 3 with load 7
PRICER_C: Found path with load 30
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
Path is currently at node 3 with load 7
PRICER_C: Found path with load 25
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PRICER_C: Found path with load 29
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PRICER_C: Found path with load 28
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Path is currently at node 10 with load 6
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PRICER_C: Found path with load 26
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Path is currently at node 3 with load 7
PRICER_C: Found path with load 26
Path is currently at node 8 with load 5
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 26
Path is currently at node 9 with load 5
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PRICER_C: Found path with load 26
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PRICER_C: Found path with load 26
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Path is currently at node 2 with load 8
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PRICER_C: Found path with load 27
Path is currently at node 10 with load 6

Path is currently at node 2 with load 8
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 PRICER_C: Found path with load 28
 Path is currently at node 1 with load 10
 Path is currently at node 9 with load 5
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 PRICER_C: Found path with load 23
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 PRICER_C: Found path with load 30
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 Path is currently at node 9 with load 5
 Path is currently at node 2 with load 8
 Path is currently at node 3 with load 7
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 17
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 15
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 15
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 18
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 15
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 13
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 PRICER_C: Found path with load 13
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 13
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 14
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 13
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 10
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 10
 Path is cu[0 2 7 8 7 9 11 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

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PRICER_C: Found path with load 13
Path is currently at node 3 with load 7
PRICER_C: Found path with load 25
Path is currently at node 2 with load 8
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PRICER_C: Found path with load 23
Path is currently at node 2 with load 8
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PRICER_C: Found path with load 26
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PRICER_C: Found path with load 25
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 23
Path is currently at node 5 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 23
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 23
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 24
Path is currently at node 10 with load 6
Path is currently
Labelling found path (0, 2, 7, 8, 7, 9, 11) with negative reduced cost
Added (0, 2, 7, 8, 7, 9, 11) with path weight 17
There are 1 occurences of node 2
There are 2 occurences of node 7
There are 1 occurences of node 8
There are 1 occurences of node 9
Dual variables are [7.214285714285714, 3.0000000000000001, 9.0,
2.821428571428571, 1.4999999999999991, 3.7857142857142856, 4.499999999999999,
4.428571428571429, 0.571428571428573, 0.3928571428571428, -0.0]
at node 1 with load 10
PRICER_C: Found path with load 25
Path is currently at node 1 with load 10
Path is currently at node 3 with load 7
PRICER_C: Found path with load 23
Path is currently at node 2 with load 8
Path is currently at node 3 with load 7
PRICER_C: Found path with load 20
Path is currently at node 8 with load 5
Path is currently at node 3 with load 7
PRICER_C: Found path with load 20

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Path is currently at node 9 with load 5
Path is currently at node 3 with load 7
PRICER_C: Found path with load 21
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 21
Path is currently at node 2 with load 8
Path is currently at node 5 with load 5
PRICER_C: Found path with load 18
Path is currently at node 9 with load 5
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PRICER_C: Found path with load 23
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PRICER_C: Found path with load 19
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PRICER_C: Found path with load 18
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PRICER_C: Found path with load 21
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PRICER_C: Found path with load 19
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PRICER_C: Found path with load 30
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PRICER_C: Found path with load 28
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PRICER_C: Found path with load 28
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 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 17
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 15
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 PRICER_C: Found path with load 15
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 16
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 18
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 15
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 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 17
 Path is currently at node 1 with lo[0 2 7 2 7 9 11 0 0 0 0 0 0 0 0
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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]
 Labelling found path (0, 2, 7, 2, 7, 9, 11) with negative reduced cost
 Added (0, 2, 7, 2, 7, 9, 11) with path weight 13
 There are 2 occurrences of node 2
 There are 2 occurrences of node 7
 There are 1 occurrences of node 9
 Dual variables are [7.779999999999999, 3.0, 9.0, 2.6799999999999998, 1.5,
 3.88000000000000012, 4.5, 4.2399999999999999, -2.0, 0.44000000000000006, -0.0]ad 10
 PRICER_C: Found path with load 13
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 15
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 13
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 PRICER_C: Found path with load 28
 Path is currently at node 1 with load 10
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 Path is currently at node 5 with load 5

Path is currently at node 2 with load 8
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 PRICER_C: Found path with load 25
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 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 27
 Path is currently at node 5 with load 5
 Path is currently at node 1 with load 10

Path is currently at node 1 with load 10
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 30
 Path is currently at node 2 with load 8
 Path is currently at node 5 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 27
 Path is currently at node 6 with load 5
 Path is currently at node 5 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path wThere are 1 occurrences of node 1
 There are 1 occurrences of node 2
 There are 2 occurrences of node 7
 There are 1 occurrences of node 9
 Dual variables are [7.780000000000001, 3.0, 9.0, 2.6799999999999997, 1.5,
 3.8800000000000003, 4.5, 4.239999999999999, -2.780000000000001,
 0.4400000000000001, -0.0]
 ith load 28
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 30
 Path is currently at node 1 with load 10
 Path is currently at node 5 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 28
 Path is currently at node 2 with load 8
 Path is currently at node 5 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 25
 Path is currently at node 6 with load 5
 Path is currently at node 5 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 25
 Path is currently at node 9 with load 5
 Path is currently at node 5 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 25
 Path is currently at node 5 with load 5
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 22
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5

Path is currently at node 1 with load 10
PRICER_C: Found path with load 28
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 1 with load 10
PRICER_C: Found path with load 27
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
Path is currently at node 9 with load 5
PRICER_C: Found path with load 25
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 9 with load 5
PRICER_C: Capacity is 30
PRICER_C: Found path with load 17
Path is currently at node 3 with load 7
PRICER_C: Found path with load 15
Path is currently at node 5 with load 5
PRICER_C: Found path with load 15
Path is currently at node 6 with load 5
PRICER_C: Found path with load 12
Path is currently at node 7 with load 2
PRICER_C: Found path with load 15
Path is currently at node 8 with load 5
PRICER_C: Found path with load 15
Path is currently at node 9 with load 5
PRICER_C: Found path with load 16
Path is currently at node 10 with load 6
PRICER_C: Found path with load 18
Path is currently at node 1 with load 10
PRICER_C: Found path with load 15
Path is currently at node 3 with load 7
PRICER_C: Found path with load 17
Path is currently at node 1 with load 10
PRICER_C: Found path with load 15
Path is currently at node 1 with load 10
PRICER_C: Found path with load 28
Path is currently at node 1 with load 10
Path is currently at node 2 with load 8
PRICER_C: Found path with load 23
Path is currently at node 5 with load 5
Path is currently at node 2 with load 8
PRICER_C: Found path with load 20
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
PRICER_C: Found path with load 27
Path is currently at node 1 with load 10
Path is currently at node 3 with load 7

PRICER_C: Found path with load 25
Path is currently at node 2 with load 8
Path is currently at node 3 with load 7
PRICER_C: Found path with load 22
Path is currently at node 6 with load 5
Path is currently at node 3 with load 7
PRICER_C: Found path with load 19
Path is currently at node 7 with load 2
Path is currently at node 3 with load 7
PRICER_C: Found path with load 23
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Path is currently at node 3 with load 7
PRICER_C: Found path with load 25
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PRICER_C: Found path with load 25
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PRICER_C: Found path with load 20
Path is currently at node 5 with load 5
Path is currently at node 6 with load 5
PRICER_C: Found path with load 20
Path is currently at node 9 with load 5
Path is currently at node 6 with load 5
PRICER_C: Found path with load 21
Path is currently at node 10 with load 6
Path is currently at node 6 with load 5
PRICER_C: Found path with load 22
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 20
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
PRICER_C: Found path with load 17
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 18
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
PRICER_C: Found path with load 25
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 23
Path is currently at node 5 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 23
Path is currently at node 6 with load 5
Path is currently at node 1 with load 10

Path is currently at node 6 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 17
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
PRICER_C: Found path with load 20
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 30
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 2 with load 8
PRICER_C: Found path with load 29
Path is currently at node 7 with load 2
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Path is currently at node 3 with load 7
PRICER_C: Found path with load 30
Path is currently at node 5 with load 5
Path is currently at node 2 with load 8
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PRICER_C: Found path with load 27
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PRICER_C: Found path with load 27
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PRICER_C: Found path with load 30
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Path is currently at node 3 with load 7
PRICER_C: Found path with load 28
Path is currently at node 6 with load 5
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 25
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 30
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Path is currently at node 1 with load 10
Path is currently at node 5 with load 5
PRICER_C: Found path with load 30
Path is currently at node 6 with load 5
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Path is currently at node 5 with load 5

PRICER_C: Found path with load 27
Path is currently at node 7 with load 2
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PRICER_C: Found path with load 30
Path is currently at node 8 with load 5
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PRICER_C: Found path with load 30
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PRICER_C: Found path with load 30
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PRICER_C: Found path with load 30
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PRICER_C: Found path with load 27
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PRICER_C: Found path with load 30
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PRICER_C: Found path with load 30
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PRICER_C: Found path with load 29
Path is currently at node 3 with load 7
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PRICER_C: Found path with load 28
Path is currently at node 4 with load 6
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Path is currently at node 7 with load 2
PRICER_C: Found path with load 27
Path is currently at node 5 with load 5
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2

PRICER_C: Found path with load 27
Path is currently at node 6 with load 5
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 24
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 27
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 27
Path is currently at node 9 with load 5
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PRICER_C: Found path with load 28
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Path is currently at node 7 with load 2
PRICER_C: Found path with load 30
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Path is currently at node 7 with load 2
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PRICER_C: Found path with load 28
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PRICER_C: Found path with load 25
Path is currently at node 9 with load 5
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PRICER_C: Found path with load 27
Path is currently at node 3 with load 7
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PRICER_C: Found path with load 25
Path is currently at node 5 with load 5
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Path is currently at node 7 with load 2
PRICER_C: Found path with load 25
Path is currently at node 6 with load 5
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 22
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2


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PRICER_C: Found path with load 25
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 25
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 30
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 29
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
PRICER_C: Found path with load 27
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
PRICER_C: Found path with load 24
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
PRICER_C: Found path with load 25
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
PRICER_C: Found path with load 29
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 30
Path is currently at node[ 0  2  7  8  1  9 11  0  0  0  0  0  0  0  0  0  0  0
0  0  0  0  0  0
    0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0]
Labelling found path (0, 2, 7, 8, 1, 9, 11) with negative reduced cost
Added (0, 2, 7, 8, 1, 9, 11) with path weight 15
There are 1 occurrences of node 1
There are 1 occurrences of node 2
There are 1 occurrences of node 7
There are 1 occurrences of node 8
There are 1 occurrences of node 9
Dual variables are [6.04, 1.2599999999999998, 9.0, 2.68000000000000015, 3.24,
3.8799999999999999, 6.24, 4.24, -2.7800000000000002, 0.4399999999999995, -0.0]
    10 with load 6
Path is currently at node 7 with load 2

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Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Capacity is 30
PRICER_C: Found path with load 17
Path is currently at node 3 with load 7
PRICER_C: Found path with load 15
Path is currently at node 5 with load 5
PRICER_C: Found path with load 15
Path is currently at node 6 with load 5
PRICER_C: Found path with load 12
Path is currently at node 7 with load 2
PRICER_C: Found path with load 15
Path is currently at node 8 with load 5
PRICER_C: Found path with load 15
Path is currently at node 9 with load 5
PRICER_C: Found path with load 18
Path is currently at node 1 with load 10
PRICER_C: Found path with load 15
Path is currently at node 3 with load 7
PRICER_C: Found path with load 17
Path is currently at node 1 with load 10
PRICER_C: Found path with load 15
Path is currently at node 1 with load 10
PRICER_C: Found path with load 28
Path is currently at node 1 with load 10
Path is currently at node 2 with load 8
PRICER_C: Found path with load 23
Path is currently at node 5 with load 5
Path is currently at node 2 with load 8
PRICER_C: Found path with load 20
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
PRICER_C: Found path with load 27
Path is currently at node 1 with load 10
Path is currently at node 3 with load 7
PRICER_C: Found path with load 25
Path is currently at node 2 with load 8
Path is currently at node 3 with load 7
PRICER_C: Found path with load 22
Path is currently at node 6 with load 5
Path is currently at node 3 with load 7
PRICER_C: Found path with load 19
Path is currently at node 7 with load 2
Path is currently at node 3 with load 7
PRICER_C: Found path with load 25
Path is currently at node 1 with load 10
Path is currently at node 5 with load 5
PRICER_C: Found path with load 25

Path is currently at node 1 with load 10
Path is currently at node 6 with load 5
PRICER_C: Found path with load 20
Path is currently at node 5 with load 5
Path is currently at node 6 with load 5
PRICER_C: Found path with load 20
Path is currently at node 9 with load 5
Path is currently at node 6 with load 5
PRICER_C: Found path with load 22
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 20
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
PRICER_C: Found path with load 17
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 25
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 25
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 23
Path is currently at node 5 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 23
Path is currently at node 6 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 20
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
PRICER_C: Found path with load 23
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 23
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 20
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 24
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 22
Path is currently at node 5 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 22

Path is currently at node 6 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 19
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
PRICER_C: Found path with load 22
Path is currently at node 8 with load 5
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PRICER_C: Found path with load 22
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PRICER_C: Found path with load 22
Path is currently at node 3 with load 7
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PRICER_C: Found path with load 20
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PRICER_C: Found path with load 20
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PRICER_C: Found path with load 17
Path is currently at node 7 with load 2
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PRICER_C: Found path with load 20
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PRICER_C: Found path with load 20
Path is currently at node 9 with load 5
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PRICER_C: Found path with load 30
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Path is currently at node 2 with load 8
PRICER_C: Found path with load 29
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 3 with load 7
PRICER_C: Found path with load 30
Path is currently at node 5 with load 5
Path is currently at node 2 with load 8
Path is currently at node 3 with load 7
PRICER_C: Found path with load 27
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
Path is currently at node 3 with load 7
PRICER_C: Found path with load 27
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2

Path is currently at node 3 with load 7
 PRICER_C: Found path with load 30
 Path is currently at node 5 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 6 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 27
 Path is currently at node 7 with load 2
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 PRICER_C: Found path with load 30
 Path is currently at node 8 with load 5
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 PRICER_C: Found path with load 30
 Path is currently at node 9 with load 5
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 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 30
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 Path is currently at node 6 with load 5
 PRICER_C: Found path with load 30
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 PRICER_C: Found path with load 27
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 PRICER_C: Found path with load 30
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 Path is currently at node 2 with load 8
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 29
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10

Path is currently at node 7 with load 2
PRICER_C: Found path with load 28
Path is currently at node 4 with load 6
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 27
Path is currently at node 5 with load 5
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 27
Path is currently at node 6 with load 5
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PRICER_C: Found path with load 24
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PRICER_C: Found path with load 27
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Path is currently at node 7 with load 2
PRICER_C: Found path with load 30
Path is currently at node 5 with load 5
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PRICER_C: Found path with load 30
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PRICER_C: Found path with load 30
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Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2

Added (0, 2, 7, 8, 7, 8, 7, 9, 11) with path weight 25
 There are 1 occurrences of node 2
 There are 3 occurrences of node 7
 There are 2 occurrences of node 8
 There are 1 occurrences of node 9
 Dual variables are [6.266666666666666, 1.4866666666666681, 9.0,
 2.6799999999999855, 3.013333333333332, 3.8800000000000097, 6.013333333333332,
 4.24, -3.006666666666664, 0.44000000000000483, -0.0]
 d 10
 PRICER_C: Found path with load 25
 Path is currently at node 2 with load 8
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 29
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 17
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 15
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 15
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 18
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 15
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 28
 Path is currently at node 1 with load 10
 Path is currently at node 2 with load 8
 PRICER_C: Found path with load 25
 Path is currently at node 3 with load 7
 Path is currently at node 2 with load 8
 PRICER_C: Found path with load 27
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 PRICER_C: Found path with load 23
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 25
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 26
 Path is currently at node 2 with load 8
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 25

Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 23
Path is currently at node 5 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 23
Path is currently at node 6 with load 5
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Path is currently at node 9 with load 5
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PRICER_C: Found path with load 25
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Path is currently at node 3 with load 7
PRICER_C: Found path with load 18
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PRICER_C: Found path with load 15
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 21
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 24
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 22
Path is currently at node 6 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 22
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 22
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 20

Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 20
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 29
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 3 with load 7
PRICER_C: Found path with load 30
Path is currently at node 5 with load 5
Path is currently at node 2 with load 8
Path is currently at node 3 with load 7
PRICER_C: Found path with load 30
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 30
Path is currently at node 5 with load 5
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PRICER_C: Found path with load 30
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PRICER_C: Found path with load 27
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PRICER_C: Found path with load 28
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PRICER_C: Found path with load 25
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PRICER_C: Found path with load 29
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Path is currently at node 1 with load 10
PRICER_C: Found path with load 28
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PRICER_C: Found path with load 28
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PRICER_C: Found path with load 27
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PRICER_C: Found path with load 27
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Path is currently at node 10 with load 6
 PRICER_C: Found path with load 30
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 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 26
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Capacity is 30
 PRICER_C: There are no paths with negative reduced costs
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 17
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 15
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 18
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 15
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 27
 Path is currently at node 1 with load 10
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 23
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
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 Path is currently at node 8 with load 5
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 PRICER_C: Found path with load 25
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 PRICER_C: Found path with load 23
 Path is currently at node 6 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 23
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 23
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10

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PRICER_C: Found path with load 25
Path is currently at node 1 with load 10
Path is currently at node 3 with load 7
PRICER_C: Found path wi[ 0 2 7 8 7 8 7 8 11 0 0 0 0 0 0 0 0 0
0 0 0 0 0
    0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]th load 23
Path is currently at node 2 with load 8
Path is currently at node 3 with load 7
PRICER_C: Found path with load 20
Path is currently at node 6 with load 5
Path is currently at node 3 with load 7
PRICER_C: Found path with load 21
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 15
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 15
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 21
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 24
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 22
Path is currently at node 6 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 22
Path is currently at node 8 with load 5
Path is currently at node 1 with
Labelling found path (0, 2, 7, 8, 7, 8, 7, 8, 11) with negative reduced cost
Added (0, 2, 7, 8, 7, 8, 7, 8, 11) with path weight 27
There are 1 occurences of node 2
There are 3 occurences of node 7
There are 3 occurences of node 8
Dual variables are [7.0, 2.365384615384615, 9.0, 1.8076923076923075,
2.134615384615385, 4.461538461538462, 5.134615384615385, 3.0769230769230766,
-2.634615384615385, 0.7307692307692307, -0.0]
load 10
PRICER_C: Found path with load 22
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 20
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 29

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Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 3 with load 7
PRICER_C: Found path with load 30
Path is currently at node 5 with load 5
Path is currently at node 2 with load 8
Path is currently at node 3 with load 7
PRICER_C: Found path with load 27
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
Path is currently at node 3 with load 7
PRICER_C: Found path with load 30
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Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 30
Path is currently at node 5 with load 5
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PRICER_C: Found path with load 30
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PRICER_C: Found path with load 27
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Path is currently at node 4 with load 6
Path is currently at node 1 with load 10
PRICER_C: Found path with load 29

Path is currently at node 6 with load 5
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 PRICER_C: Found path with load 17
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 PRICER_C: Found path with load 23
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 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 23
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10


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PRICER_C: Found path with load 23
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 25
Path is currently at n[ 0  3 10  3 10  7 11  0  0  0  0  0  0  0  0  0  0  0  0
0  0  0  0  0
    0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0]ode 1 with load 10
Path is currently at node 3 with load 7
PRICER_C: Found path with load 21
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 15
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 21
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 24
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 22
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Path is currently at node 1 with load 10
PRICER_C: Found path with load 22
Path is currently at node 8 with load 5
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PRICER_C: Found path with load 22
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 20
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path w
Labelling found path (0, 3, 10, 3, 10, 7, 11) with negative reduced cost
Added (0, 3, 10, 3, 10, 7, 11) with path weight 22
ith load 18
Path is currently at node 6 with load 5
Path is currently at node 10 with load 6
PRICER_C: Found path with load 29
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PRICER_C: Found path with load 30
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Path is currently at node 3 with load 7
PRICER_C: Found path with load 28
Path is currently at node 6 with load 5

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Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 30
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 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 6 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 27
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 Path is currentlyThere are 2 occurrences of node 3
 There are 1 occurrences of node 7
 There are 2 occurrences of node 10
 Dual variables are [6.875, 3.0, 6.5, 3.2500000000000027, 1.5,
 3.4999999999999982, 4.5, 3.5, -2.875, 2.2499999999999999, -0.0]
 at node 8 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 9 with load 5
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 PRICER_C: Found path with load 30

Path is currently at node 8 with load 5
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PRICER_C: Found path with load 30
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PRICER_C: Found path with load 24
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PRICER_C: Found path with load 27
Path is currently at node 9 with load 5
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PRICER_C: Found path with load 25
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Path is currently at node 7 with load 2
PRICER_C: Found path with load 30
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PRICER_C: Found path with load 30
Path is currently at node 6 with load 5
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Path is currently at node 7 with load 2
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 Path is currently at node 8 with load 5
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 Labelling found path (0, 2, 7, 2, 7, 2, 7, 11) with negative reduced cost
 Added (0, 2, 7, 2, 7, 2, 7, 11) with path weight 19
 ntly at node 1 with load 10
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 30
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 22
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
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 PRICER_C: Found path with load 17
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 15
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 PRICER_C: Found path with load 23
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 25
 Path is currently at node 1 with load 10
 Path is currently at nodeThere are 3 occurences of node 2
 There are 3 occurences of node 7
 Dual variables are [8.066666666666668, 2.599999999999997, 7.666666666666682,
 3.799999999999954, 3.000000000000009, 3.133333333333364, 3.733333333333336,
 4.399999999999999, -3.8, 1.399999999999915, -0.0]
 8 with load 5
 PRICER_C: Found path with load 25
 Path is currently at node 3 with load 7
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 PRICER_C: Found path with load 23
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PRICER_C: Found path with load 20
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PRICER_C: Found path with load 18
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PRICER_C: Found path with load 29
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PRICER_C: Found path with load 25
Path is currently at node 5 with load 5
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 25
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PRICER_C: Found path with load 25
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PRICER_C: Found path with load 30
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PRICER_C: Found path with load 25
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PRICER_C: Found path with load 18
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PRICER_C: Found path with load 29
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 PRICER_C: Found path with load 28
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 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 28
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
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 PRICER_C: Found path with load [0 2 5 1 8 7 11 0 0 0 0 0 0 0 0
 0 0 0 0 0 0 0 0
 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]26
 Path is currently at node 6 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 28
 Path is currently at node 8 with load 5
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 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 27
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 PRICER_C: Found path with load 25
 Path is currently at node 6 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 22

Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 25
 Path is currently at node 8 with load 5
 Path is currently at node 1
 Labelling found path (0, 2, 5, 1, 8, 7, 11) with negative reduced cost
 Path already in variables with reduced cost -2.8192771084337345 with farkas
 False.
 Dual variables are [7.0, 2.8947368421052637, 6.894736842105262,
 4.947368421052632, 1.6052631578947363, 2.3684210526315783, 4.605263157894736,
 3.4298245614035086, -2.9298245614035086, 1.7894736842105274, -0.0]
 with load 10
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 25
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 27
 Path is currently at node 10 with load 6
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 PRICER_C: Found path with load 30
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 PRICER_C: Found path with load 26
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 PRICER_C: Found path with load 30
 Path is currently at node 7 with load 2
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 PRICER_C: Found path with load 30
 Path is currently at node 2 with load 8
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 27
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10

Path is currently at node 7 with load 2
PRICER_C: Capacity is 30
PRICER_C: Found path with load 17
Path is currently at node 3 with load 7
PRICER_C: Found path with load 15
Path is currently at node 8 with load 5
PRICER_C: Found path with load 15
Path is currently at node 3 with load 7
PRICER_C: Found path with load 27
Path is currently at node 1 with load 10
Path is currently at node 3 with load 7
PRICER_C: Found path with load 23
Path is currently at node 10 with load 6
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PRICER_C: Found path with load 25
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 25
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PRICER_C: Found path with load 23
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Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 15
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 21
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 24
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 22
Path is currently at node 6 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 22

Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 20
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 18
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Path is currently at node 10 with load 6
PRICER_C: Found path with load 29
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 3 with load 7
PRICER_C: Found path with load 30
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PRICER_C: Found path with load 27
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PRICER_C: Found path with load 28
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Path is currently at node 3 with load 7
PRICER_C: Found path with load 30
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Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
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Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 27
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5

PRICER_C: Found path with load 30
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
PRICER_C: Found path with load 25
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 30
Path is currently at node 5 with load 5
Path is currently at node 1 with load 10
Path is currently at node 3 with load 7
PRICER_C: Found path with load 30
Path is currently at node 6 with load 5
Path is currently at node 1 with load 10
Path is currently at node 3 with load 7
PRICER_C: Found path with load 27
Path is currently at node 7 with load 2
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Path is currently at node 3 with load 7
PRICER_C: Found path with load 30
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 3 with load 7
PRICER_C: Found path with load 30
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
Path is currently at node 3 with load 7
PRICER_C: Found path with load 28
Path is currently at node 5 with load 5
Path is currently at node 2 with load 8
Path is currently at node 3 with load 7
PRICER_C: Found path with load 28
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 26
Path is currently at node 6 with load 5
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 28
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 5 with load 5
PRICER_C: Found path with load 27
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2


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PRICER_C: Found path with load 25
Path is currently at node 5 with load 5
Path is current[ 0 2 7 2 7 2 7 11 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]tly at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 25
Path is currently at node 6 with load 5
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 22
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 25
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 27
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 30
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 30
Path is currently at node 1 with load 10
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6

```

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Labelling found path (0, 2, 7, 2, 7, 2, 7, 11) with negative reduced cost
Path already in variables with reduced cost -3.5 with farkas False.
Dual variables are [-1.3333333333333334, -5.333333333333333, 8.833333333333332,
5.0, 5.666666666666666, 2.333333333333333, 17.0, -6.222222222222222,
-10.333333333333334, -6.333333333333332, -0.0]

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PRICER_C: Found path with load 26
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 30
Path is currently at node 7 with load 2
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 30
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2

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Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Capacity is 30
PRICER_C: Found path with load 17
Path is currently at node 3 with load 7
PRICER_C: Found path with load 15
Path is currently at node 3 with load 7
PRICER_C: Found path with load 27
Path is currently at node 1 with load 10
Path is currently at node 3 with load 7
PRICER_C: Found path with load 23
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 25
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 25
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 23
Path is currently at node 6 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 23
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 25
Path is currently at node 1 with load 10
Path is currently at node 3 with load 7
PRICER_C: Found path with load 21
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 17
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 15
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 21
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 24
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 22
Path is currently at node 6 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 22
Path is currently at node 8 with load 5

Path is currently at node 1 with load 10
PRICER_C: Found path with load 20
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 18
Path is currently at node 6 with load 5
Path is currently at node 10 with load 6
PRICER_C: Found path with load 29
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 3 with load 7
PRICER_C: Found path with load 30
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PRICER_C: Found path with load 27
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PRICER_C: Found path with load 27
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PRICER_C: Found path with load 30
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PRICER_C: Found path with load 27
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 8 with load 5
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Path is currently at node 8 with load 5
PRICER_C: Found path with load 30

Path is currently at node 1 with load 10
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PRICER_C: Found path with load 25
Path is currently at node 7 with load 2
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PRICER_C: Found path with load 30
Path is currently at node 5 with load 5
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PRICER_C: Found path with load 30
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PRICER_C: Found path with load 27
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PRICER_C: Found path with load 24
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Path is currently at node 5 with load 5
PRICER_C: Found path with load 27
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 25

Path is currently at node 5 with load 5
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 25
Path is currently at node 6 with load 5
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PRICER_C: Found path with load 26
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PRICER_C: Found path with load 30
Path is currently at node 7 with load 2
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PRICER_C: Found path with load 29
Path is currently at node 7 with load 2
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Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 27
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PRICER_C: Found path with load 30
Path is currently at node 9 with load 5
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Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
PRICER_C: Capacity is 30
PRICER_C: Found path with load 17
Path is currently at node 3 with load 7
PRICER_C: Found path with load 15
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PRICER_C: Found path with load 20
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PRICER_C: Found path with load 18
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PRICER_C: Found path with load 29
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 Labelling found path (0, 7, 4, 7, 4, 7, 4, 7, 11) with negative reduced cost
 Added (0, 7, 4, 7, 4, 7, 4, 7, 11) with path weight 59
 There are 3 occurrences of node 4
 There are 4 occurrences of node 7
 Dual variables are [-10.5, -5.333333333333333, -9.5, -3.0, 0.6666666666666661, 7.666666666666666, 17.0, -6.222222222222222, -10.333333333333334, 12.0, -0.0]
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 Labelling found path (0, 7, 6, 7, 10, 7, 10, 7, 9, 11) with negative reduced cost

Added (0, 7, 6, 7, 10, 7, 10, 7, 9, 11) with path weight 47
 There are 1 occurrences of node 6
 There are 4 occurrences of node 7
 There are 1 occurrences of node 9
 There are 2 occurrences of node 10
 Dual variables are [-1.3333333333333334, -5.333333333333333, 8.833333333333332,
 -3.0, 0.6666666666666661, 7.666666666666666, 17.0, -6.222222222222222, -16.0,
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 Path is currently at node 2 with load 8
 PRICER_C: Found path with load 11

Path is currently at node 7 with load 2
Path is currently at node 3 with load 7
PRICER_C: Found path with load 13
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Path is currently at node 4 with load 6
PRICER_C: Found path with load 13
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PRICER_C: Found path with load 10
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PRICER_C: Found path with load 22
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PRICER_C: Found path with load 17
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PRICER_C: Found path with load 17
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PRICER_C: Found path with load 30
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PRICER_C: Found path with load 30
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PRICER_C: Found path with load 30
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PRICER_C: Found path with load 23
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 PRICER_C: Found path with load 23
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 PRICER_C: Found path with load 30
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 PRICER_C: Found path with load 28
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 PRICER_C: Found path with load 30
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 PRICER_C: Found path with load 26
 Path
 Labelling found path (0, 7, 3, 7, 6, 7, 5, 11) with negative reduced cost
 Added (0, 7, 3, 7, 6, 7, 5, 11) with path weight 55
 There are 1 occurrences of node 3
 There are 1 occurrences of node 5
 There are 1 occurrences of node 6
 There are 3 occurrences of node 7
 Dual variables are [-7.916666666666666, -5.333333333333333, -4.333333333333332,
 -3.0, 0.6666666666666661, 7.666666666666666, 17.0, -6.222222222222222,
 -42.33333333333333, 6.833333333333332, -0.0]
 is currently at node 7 with load 2
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 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 10
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 7
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 11
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 7
 Path is currently at node 6 with load 5
 PRICER_C: Found path with load 8
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 11
 Path is currently at node 6 with load 5

PRICER_C: Found path with load 8
Path is currently at node 7 with load 2
PRICER_C: Found path with load 16
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
PRICER_C: Found path with load 12
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 13
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
PRICER_C: Found path with load 16
Path is currently at node 5 with load 5
Path is currently at node 10 with load 6
PRICER_C: Found path with load 16
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PRICER_C: Found path with load 13
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PRICER_C: Found path with load 13
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PRICER_C: Found path with load 19
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PRICER_C: Found path with load 18
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PRICER_C: Found path with load 27
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PRICER_C: Found path with load 28
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Path is currently at node 10 with load 6
PRICER_C: Found path with load 23
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
PRICER_C: Found path with load 23
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
PRICER_C: Found path with load 23
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6

PRICER_C: Found path with load 24
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
PRICER_C: Found path with load 29
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
PRICER_C: Found path with load 27
Path is currently at node 6 with load 5
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
PRICER_C: Found path with load 24
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
PRICER_C: Found path with load 30
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
PRICER_C: Found path with load 29
Path is currently at node 4 with load 6
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
PRICER_C: Found path with load 28
Path is currently at node 5 with load 5
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
PRICER_C: Found path with load 28
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2

Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
PRICER_C: Found path with load 28
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
PRICER_C: Found path with load 28
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
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Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
PRICER_C: Found path with load 29
Path is currently at node 10 with load 6
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PRICER_C: Found path with load 29
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Path is currently at node 10 with load 6
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Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
PRICER_C: Found path with load 25
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 6 with load 5
PRICER_C: Found path with load 29
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
PRICER_C: Found path with load 28
Path is currently at node 5 with load 5

Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
PRICER_C: Found path with load 30
Path is currently at node 4 with load 6
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
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Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
PRICER_C: Found path with load 29
Path is currently at node 5 with load 5
Path is currently at node 10 with load 6
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PRICER_C: Found path with load 29
Path is currently at node 6 with load 5
Path is currently at node 10 with load 6
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Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
PRICER_C: Found path with load 26
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
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Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
PRICER_C: Found path with load 29
Path is currently at node 8 with load 5
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Path is currently at node 10 with load 6
PRICER_C: Found path with load 29
Path is currently at node 9 with load 5
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
PRICER_C: Found path with load 29

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Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
PRICER_C: F[ 0  7  6  7 10  7 10  7  8 11  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
0
    0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0]
ound path with load 30
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
PRICER_C: Found path with load 30
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 6 with load 5
PRICER_C: Found path with load 30
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 6 with load 5
PRICER_C: Capacity is 30
PRICER_C: Found path with load 10
Path is currently at node 7 with load 2
PRILabelling found path (0, 7, 6, 7, 10, 7, 10, 7, 8, 11) with negative reduced
cost
Added (0, 7, 6, 7, 10, 7, 10, 7, 8, 11) with path weight 49
There are 1 occurences of node 6
There are 4 occurences of node 7
There are 1 occurences of node 8
There are 2 occurences of node 10
Dual variables are [-1.3333333333333334, -5.333333333333333, 9.0, -3.0,
-12.666666666666666, 7.666666666666666, 17.0, -6.222222222222222,
-10.333333333333334, -10.222222222222221, -0.0]
CER_C: Found path with load 9
Path is currently at node 7 with load 2
PRICER_C: Found path with load 12

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Path is currently at node 3 with load 7
PRICER_C: Found path with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 9
Path is currently at node 3 with load 7
PRICER_C: Found path with load 7
Path is currently at node 6 with load 5
PRICER_C: Found path with load 17
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 15
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 16
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 14
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 14
Path is currently at node 7 with load 2
Path is currently at node 3 with load 7
PRICER_C: Found path with load 14
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 12
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 14
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
PRICER_C: Found path with load 12
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
PRICER_C: Found path with load 11
Path is currently at node 7 with load 2
Path is currently at node 3 with load 7
PRICER_C: Found path with load 9
Path is currently at node 7 with load 2
Path is currently at node 6 with load 5
PRICER_C: Found path with load 19
Path is currently at node 7 with load 2
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 23
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2

PRICER_C: Found path with load 26
Path is currently at node 1 with load 10
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 21
Path is currently at node 6 with load 5
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 18
Path is currently at node 7 with load 2
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 22
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 19
Path is currently at node 5 with load 5
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 16
Path is currently at node 7 with load 2
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 20
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PRICER_C: Found path with load 21
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PRICER_C: Found path with load 19
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PRICER_C: Found path with load 16
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PRICER_C: Found path with load 20
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Path is currently at node 7 with load 2
PRICER_C: Found path with load 17
Path is currently at node 5 with load 5
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2

PRICER_C: Found path with load 24
Path is currently at node 1 with load 10
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PRICER_C: Found path with load 21
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PRICER_C: Found path with load 19
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PRICER_C: Found path with load 19
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PRICER_C: Found path with load 22
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PRICER_C: Found path with load 19
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PRICER_C: Found path with load 17
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PRICER_C: Found path with load 17
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PRICER_C: Found path with load 18
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PRICER_C: Found path with load 21
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PRICER_C: Found path with load 19
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PRICER_C: Found path with load 18
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PRICER_C: Found path with load 16
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PRICER_C: Found path with load 14
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PRICER_C: Found path with load 15
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PRICER_C: Found path with load 29
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 PRICER_C: Found path with load 27
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 PRICER_C: Found path with load 24
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 PRICER_C: Found path with load 25
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 PRICER_C: Found path with load 28
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 PRICER_C: Found path with load 25
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 PRICER_C: Found path with load 23
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 PRICER_C: Found path with load 21

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 PRICER_C: Found path with load 21
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 PRICER_C: Found path with load 16
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 PRICER_C: Found path with load 28
 Path is currently at node 7 with load 2
 Path is currently at node 3 with load 7
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 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 30
 Path is currently at node 4 with load 6
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 PRICER_C: Found path with load 29
 Path is currently at node 5 with load 5
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 PRICER_C: Found path with load 30
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 PRICER_C: Found path with load 30
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 PRICER_C: Found path with load 27
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 PRICER_C: Found path with load 29
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 PRICER_C: Found path with load 28
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 PRICER_C: Found path with load 25
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 PRICER_C: Found path with load 29
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 PRICER_C: Found path with load 29
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PRICER_C: Found path with load 27
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PRICER_C: Found path with load 26
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PRICER_C: Found path with load 30
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PRICER_C: Found path with load 28
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PRICER_C: Found path with load 28
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PRICER_C: Found path with load 28
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PRICER_C: Found path with load 25
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PRICER_C: Found path with load 29
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Path is currently at node 7 with load 2
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PRICER_C: Found path with load 27
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
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PRICER_C: Found path with load 26
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PRICER_C: Found path with load 30
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PRICER_C: Found path with load 28
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PRICER_C: Found path with load 28
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PRICER_C: Found path with load 29
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PRICER_C: Found path with load 26
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PRICER_C: Found path with load 24
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PRICER_C: Found path with load 24
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PRICER_C: Found path with load 30
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PRICER_C: Found path with load 25
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PRICER_C: Found path with load 25
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 PRICER_C: Found path with load 24
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 PRICER_C: Found path with load 23
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Path is currently at node 7 with load 2
ERROR: Path length exceeds maximum. Current value of path_len is 33
PRICER_C: Capacity is 30
PRICER_C: Found path with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 11
Path is currently at node 10 with load 6
PRICER_C: Found path with load 7
Path is currently at node 6 with load 5
PRICER_C: Found path with load 8
Path is currently at node 10 with load 6
PRICER_C: Found path with load 8
Path is currently at node 7 with load 2
PRICER_C: Found path with load 15
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 16

Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
PRICER_C: Found path with load 12
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 13
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
PRICER_C: Found path with load 16
Path is currently at node 6 with load 5
Path is currently at node 10 with load 6
PRICER_C: Found path with load 13
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
PRICER_C: Found path with load 12
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
PRICER_C: Found path with load 9
Path is currently at node 7 with load 2
Path is currently at node 6 with load 5
PRICER_C: Found path with load 15
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 13
Path is currently at node 5 with load 5
Path is currently at node 10 with load 6
PRICER_C: Found path with load 13
Path is currently at node 6 with load 5
Path is currently at node 10 with load 6
PRICER_C: Found path with load 10
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
PRICER_C: Found path with load 14
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
PRICER_C: Found path with load 23
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
PRICER_C: Found path with load 21
Path is currently at node 5 with load 5
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
PRICER_C: Found path with load 21
Path is currently at node 6 with load 5
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
PRICER_C: Found path with load 18

Path is currently at node 7 with load 2
 Path is currently at node 10 with load 6
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 17
 Path is currently at node 5 with load 5
 Path is currently at node 6 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 18
 Path is currently at node 10 with [0 7 3 7 6 7 6 7 11 3 7 6 7 9 11
 0 0 0 0 0 0 0 0 0
 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]load 6
 Path is currently at node 6 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 20
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 18
 Path is currently at node 5 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 18
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 Path is currently at node 10 with load 6
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 15
 Path is currently at node 7 with load 2
 Path is currently at node 10 with load 6
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 22
 Path is currently at node 10 with load 6
 Path is currently at node 6 with load 5
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 21
 Path is currently at node 2 with load 8
 Path is currently at node 7 with load 2
 Path is currently at no
 Labelling found path (0, 7, 3, 7, 6, 7, 6, 7, 11, 3, 7, 6, 7, 9, 11) with
 negative reduced cost
 Added (0, 7, 3, 7, 6, 7, 6, 7, 11, 3, 7, 6, 7, 9, 11) with path weight 92
 There are 2 occurrences of node 3
 There are 3 occurrences of node 6
 There are 6 occurrences of node 7
 There are 1 occurrences of node 9
 There are 1 occurrences of node 11
 Dual variables are [-1.3333333333333334, -5.333333333333333, -11.333333333333332,
 -3.0, 0.6666666666666661, 7.666666666666666, 17.0, -6.222222222222222,
 -10.333333333333334, -10.222222222222221, -0.0]

de 10 with load 6
PRICER_C: Found path with load 20
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
PRICER_C: Found path with load 18
Path is currently at node 5 with load 5
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
PRICER_C: Found path with load 18
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
PRICER_C: Found path with load 19
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
PRICER_C: Found path with load 17
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
PRICER_C: Found path with load 18
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
PRICER_C: Found path with load 17
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
Path is currently at node 6 with load 5
PRICER_C: Found path with load 14
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Path is currently at node 7 with load 2
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PRICER_C: Found path with load 14
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PRICER_C: Found path with load 15
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PRICER_C: Found path with load 19
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
Path is currently at node 10 with load 6
PRICER_C: Found path with load 18
Path is currently at node 5 with load 5
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Path is currently at node 10 with load 6
PRICER_C: Found path with load 20
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PRICER_C: Found path with load 28
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PRICER_C: Found path with load 26
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PRICER_C: Found path with load 25

Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 Path is currently at node 10 with load 6
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 PRICER_C: Found path with load 24
 Path is currently at node 4 with load 6
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 PRICER_C: Found path with load 23
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PRICER_C: Found path with load 22
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PRICER_C: Found path with load 21
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PRICER_C: Found path with load 18
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PRICER_C: Found path with load 21
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PRICER_C: Found path with load 22
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PRICER_C: Found path with load 30
Path is currently at node 4 with load 6
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PRICER_C: Found path with load 29
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PRICER_C: Capacity is 30
PRICER_C: Found path with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 9
Path is currently at node 7 with load 2
PRICER_C: Found path with load 12
Path is currently at node 3 with load 7
PRICER_C: Found path with load 7
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PRICER_C: Found path with load 9
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PRICER_C: Found path with load 7
Path is currently at node 6 with load 5
PRICER_C: Found path with load 17
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 15
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 16
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 14
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 14
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PRICER_C: Found path with load 9
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PRICER_C: Found path with load 19
Path is currently at node 7 with load 2
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Path is currently at node 7 with load 2
PRICER_C: Found path with load 26
Path is currently at node 1 with load 10
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 21
Path is currently at node 6 with load 5
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 18
Path is currently at node 7 with load 2
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PRICER_C: Found path with load 19
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 PRICER_C: F
 Labelling found path (0, 7, 6, 7, 6, 7, 6, 7, 6, 7, 11) with negative reduced cost
 Added (0, 7, 6, 7, 6, 7, 6, 7, 6, 7, 11) with path weight 81
 ound path with load 22
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 There are 5 occurences of node 7
 Dual variables are [-1.5555555555555554, -5.333333333333333, 1.6666666666666667, -3.0, 3.333333333333333, -1.0, 17.0, -6.222222222222222, -10.333333333333334, -5.888888888888889, -0.0]
 rently at node 7 with load 2
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 Path is currently at node 6 with load 5
 Path is currently at node 7 with load 2
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 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 21
 Path is currently at node 8 with load 5
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 PRICER_C: Found path with load 21
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 PRICER_C: Found path with load 22
 Path is currently at node 10 with load 6
 Path is currently at node 7 with load 2
 Path is currently at node 6 with load 5
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PRICER_C: Found path with load 23
Path is currently at node 7 with load 2
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PRICER_C: Found path with load 26
Path is currently at node 1 with load 10
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PRICER_C: Found path with load 24
Path is currently at node 2 with load 8
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PRICER_C: Found path with load 23
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PRICER_C: Found path with load 22
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PRICER_C: Found path with load 21
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PRICER_C: Found path with load 21
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PRICER_C: Found path with load 21
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PRICER_C: Found path with load 22
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PRICER_C: Found path with load 23
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 PRICER_C: Found path with load 21
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 PRICER_C: Found path with load 21
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 PRICER_C: Found path with load 19
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 PRICER_C: Found path with load 20
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 PRICER_C: Found path with load 24
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 PRICER_C: Found path with load 22
 Path is currently at node 4 with load 6
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 PRICER_C: Found path with load 18
 Path is currently at node 7 with load 2
 Path is currently at node 6 with load 5
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 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 20
 Path is currently at node 4 with load 6
 Path is currently at node 6 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 6 with load 5
 PRICER_C: Found path with load 16
 Path is currently at node 7 with load 2
 Path is currently at node 6 with load 5
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 PRICER_C: Found path with load 28

Path is currently at node 7 with load 2
Path is currently at node 3 with load 7
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PRICER_C: Found path with load 30
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
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PRICER_C: Found path with load 30
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PRICER_C: Found path with load 27
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PRICER_C: Found path with load 29
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PRICER_C: Found path with load 28
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PRICER_C: Found path with load 25
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PRICER_C: Found path with load 29
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PRICER_C: Found path with load 27

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PRICER_C: Found path with load 30
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PRICER_C: Found path with load 28
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PRICER_C: Found path with load 28
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PRICER_C: Found path with load 25
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PRICER_C: Found path with load 29
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PRICER_C: Found path with load 27
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PRICER_C: Found path with load 30

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PRICER_C: Found path with load 28
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PRICER_C: Found path with load 28
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PRICER_C: Found path with load 26
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PRICER_C: Found path with load 26

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PRICER_C: Found path with load 29

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PRICER_C: Found path with load 27
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PRICER_C: Found path with load 26
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PRICER_C: Found path with load 24
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PRICER_C: Found path with load 24
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PRICER_C: Found path with load 30
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PRICER_C: Found path with load 28
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PRICER_C: Found path with load 27

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PRICER_C: Found path with load 26
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PRICER_C: Found path with load 25
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PRICER_C: Found path with load 25
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PRICER_C: Found path with load 25
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PRICER_C: Found path with load 26

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PRICER_C: Found path with load 25
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PRICER_C: Found path with load 24
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PRICER_C: Found path with load 23
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PRICER_C: Found path with load 23
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PRICER_C: Found path with load 23
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PRICER_C: Found path with load 24
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PRICER_C: Found path with load 26
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PRICER_C: Found path with load 24

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 PRICER_C: Found path with load 23
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 PRICER_C: Found path with load 22
 Path is currently at node 4 with load 6
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 PRICER_C: Found path with load 21
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 PRICER_C: Found path with load 21
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 PRICER_C: Found path with load 21
 Path is currently at node 9 with load 5
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 Path is currently at node 7 with load 2
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 PRICER_C: Found path with load 22
 Path is currently at node 10 with load 6
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 PRICER_C: Found path with load 30
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 PRICER_C: Found path with load 30
 Path is currently at node 6 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 6 with lo
 Labelling found path (0, 7, 2, 7, 2, 7, 10, 7, 11) with negative reduced cost
 Added (0, 7, 2, 7, 2, 7, 10, 7, 11) with path weight 33
 There are 2 occurrences of node 2
 There are 4 occurrences of node 7
 There are 1 occurrences of node 10
 Dual variables are [-1.3333333333333334, -5.333333333333333, 1.6666666666666667,
 -3.0, 3.333333333333333, -1.0, 17.0, -6.222222222222222, -10.333333333333334,
 -24.333333333333336, -0.0]
 ad 5
 Path is currently at node 7 with load 2
 Path is currently at node 3 with load 7
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 PRICER_C: Found path with load 30
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 PRICER_C: Found path with load 30
 Path is currently at node 9 with load 5
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PRICER_C: Found path with load 30
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PRICER_C: Found path with load 30
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PRICER_C: Found path with load 30
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PRICER_C: Found path with load 30
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PRICER_C: Found path with load 28
Path is currently at node 7 with load 2
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PRICER_C: Found path with load 29
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PRICER_C: Found path with load 30
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PRICER_C: Found path with load 27
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PRICER_C: Found path with load 29
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PRICER_C: Found path with load 28
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Path is currently at node 7 with load 2
Path is currently at node 3 with load 7
PRICER_C: Found path with load 25
Path is currently at node 7 with load 2
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2

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Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
Path is currently at node 3 with load 7
PRICER_C: Found path with load 23
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Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
Path is currently at node 6 with load 5
ERROR: Path length exceeds maximum. Current value of path_len is 33
PRICER_C: Capacity is 30
PRICER_C: Found path with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 7
Path is currently at node 6 with load 5
PRICER_C: Found path with load 15
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 12

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Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 14
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
PRICER_C: Found path with load 12
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
PRICER_C: Found path with load 9
Path is currently at node 7 with load 2
Path is currently at node 6 with load 5
PRICER_C: Found path with load 17
Path is currently at node 7 with load 2
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 19
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 17
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
PRICER_C: Found path with load 17
Path is currently at node 5 with load 5
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PRICER_C: Found path with load 14
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PRICER_C: Found path with load 24
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PRICER_C: Found path with load 19
Path is currently at node 6 with load 5
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PRICER_C: Found path with load 19
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Path is currently at node 7 with load 2
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PRICER_C: Found path with load 22
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Path is currently at node 2 with load 8
PRICER_C: Found path with load 17

Path is currently at node 6 with load 5
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PRICER_C: Found path with load 17
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PRICER_C: Found path with load 19
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PRICER_C: Found path with load 17
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PRICER_C: Found path with load 14
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PRICER_C: Found path with load 14
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PRICER_C: Found path with load 14
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PRICER_C: Found path with load 25
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PRICER_C: Found path with load 22
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PRICER_C: Found path with load 22
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PRICER_C: Found path with load 22
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PRICER_C: Found path with load 23
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PRICER_C: Found path with load 29
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PRICER_C: Found path with load 27
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PRICER_C: Found path with load 24
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PRICER_C: Found path with load 24
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PRICER_C: Found path with load 24
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 24
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2

PRICER_C: Found path with load 25
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 27
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Path is currently at node 7 with load 2
PRICER_C: Found path with load 25
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Path is currently at node 7 with load 2
PRICER_C: Found path with load 22
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Path is currently at node 7 with load 2
PRICER_C: Found path with load 22
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PRICER_C: Found path with load 22
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PRICER_C: Found path with load 22
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PRICER_C: Found path with load 23
Path is currently at node 10 with load 6
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Path is currently at node 7 with load 2
PRICER_C: Found path with load 24
Path is currently at node 1 with load 10
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Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 22
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Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 19
Path is currently at node 5 with load 5
Path is currently at node 7 with load 2
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 19
Path is currently at node 6 with load 5
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Path is currently at node 7 with load 2
PRICER_C: Found path with load 19
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 19
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 20
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 26
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
PRICER_C: Found path with load 24
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
PRICER_C: Found path with load 24
Path is currently at node 5 with load 5
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
PRICER_C: Found path with load 21
Path is currently at node 7 with load 2
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
PRICER_C: Found path with load 22

Path is currently at node 5 with load 5
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
PRICER_C: Found path with load 19
Path is currently at node 7 with load 2
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
PRICER_C: Found path with load 20
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
Path is currently at node 6 with load 5
PRICER_C: Found path with load 19
Path is currently at node 5 with load 5
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
Path is currently at node 6 with load 5
PRICER_C: Found path with load 16
Path is currently at node 7 with load 2
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
Path is currently at node 6 with load 5
PRICER_C: Found path with load 28
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 27
Path is currently at node 5 with load 5
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 24
Path is currently at node 7 with load 2
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 30
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2

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PRICER_C: Found path with load 29
Path is currently at node 5 with load 5
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 26
Path is currently at node 7 with load 2
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 30
Path is currently at node 10 with load 6
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 28
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
PRICER_C: Found path with load 27
Path is currently at node 5 with load 5
Path is currently at node 6 with load 5
Path is currently at node 7 with [ 0 7 2 7 2 7 8 7 11 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0
    0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]load 2
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
PRICER_C: Found path with load 24
Path is currently at node 7 with load 2
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
PRICER_C: Found path with load 28
Path is currently at node 10 with load 6
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
PRICER_C: Found path with load 25
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2

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Path is currently at node 6 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 24
 Path is currently at node 5 with load 5
 Path is currently at node 6 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 6 with load 5
 Path is currentl
 Labelling found path (0, 7, 2, 7, 2, 7, 8, 7, 11) with negative reduced cost
 Added (0, 7, 2, 7, 2, 7, 8, 7, 11) with path weight 33
 There are 2 occurences of node 2
 There are 4 occurences of node 7
 There are 1 occurences of node 8
 Dual variables are [-1.3333333333333334, -5.333333333333333, 1.6666666666666667,
 -3.0, 3.333333333333333, -1.0, 17.0, -24.333333333333336, -10.333333333333334,
 -24.333333333333336, -0.0]
 y at node 7 with load 2
 PRICER_C: Found path with load 21
 Path is currently at node 7 with load 2
 Path is currently at node 6 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 6 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 25
 Path is currently at node 10 with load 6
 Path is currently at node 6 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 6 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 29
 Path is currently at node 6 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 29
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 29
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 30

Path is currently at node 10 with load 6
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 29
 Path is currently at node 2 with load 8
 Path is currently at node 7 with load 2
 Path is currently at node 6 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 28
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 Path is currently at node 6 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 27
 Path is currently at node 4 with load 6
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 Path is currently at node 6 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 26
 Path is currently at node 6 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 6 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 26
 Path is currently at node 8 with load 5
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 Path is currently at node 6 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 26
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 6 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 27
 Path is currently at node 10 with load 6
 Path is currently at node 7 with load 2
 Path is currently at node 6 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 29

Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
PRICER_C: Found path with load 27
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
PRICER_C: Found path with load 26
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
PRICER_C: Found path with load 25
Path is currently at node 4 with load 6
Path is currently at node 7 with load 2
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
PRICER_C: Found path with load 24
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
PRICER_C: Found path with load 24
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
PRICER_C: Found path with load 24
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
PRICER_C: Found path with load 25
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
PRICER_C: Found path with load 26

Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
Path is currently at node 6 with load 5
PRICER_C: Found path with load 24
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
Path is currently at node 6 with load 5
PRICER_C: Found path with load 23
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
Path is currently at node 6 with load 5
PRICER_C: Found path with load 22
Path is currently at node 4 with load 6
Path is currently at node 7 with load 2
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
Path is currently at node 6 with load 5
PRICER_C: Found path with load 21
Path is currently at node 5 with load 5
Path is currently at node 7 with load 2
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
Path is currently at node 6 with load 5
PRICER_C: Found path with load 21
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
Path is currently at node 6 with load 5
PRICER_C: Found path with load 21
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
Path is currently at node 6 with load 5
PRICER_C: Found path with load 21
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
Path is currently at node 6 with load 5
PRICER_C: Found path with load 22

[illegible]

[illegible]

Path is currently at node 7 with load 2
PRICER_C: Found path with load 28
Path is currently at node 7 with load 2
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
PRICER_C: Found path with load 30
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
PRICER_C: Found path with load 29
Path is currently at node 5 with load 5
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
PRICER_C: Found path with load 26
Path is currently at node 7 with load 2
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
PRICER_C: Found path with load 27
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
Path is currently at node 6 with load 5
PRICER_C: Found path with load 26
Path is currently at node 5 with load 5
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
Path is currently at node 6 with load 5
PRICER_C: Found path with load 23
Path is currently at node 7 with load 2
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
Path is currently at node 6 with load 5

[illegible]

Path is currently at node 7 with load 2
 Path is currently at node 6 with load 5
 PRICER_C: Found path with load 28
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 6 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 6 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 6 with load 5
 PRICER_C: Found path with load 29
 Path is currently at node 10 with load 6
 Path is currently at node 7 with load 2
 Path is currently at node 6 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 6 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 6 with load 5
 PRICER_C: Found path wi[0 7 2 7 9 7 2 7 11 0 0 0 0 0 0 0 0 0
 0 0 0 0 0
 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]th load 30
 Path is currently at node 7 with load 2
 Path is currently at node 6 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 6 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 6 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 6 with load 5
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 10
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 9
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 17
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 14
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 12
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 PRICER_C: Found path with load 11
 Path is currently at node 7 with load 2
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 9
 Path is

Labelling found path (0, 7, 2, 7, 9, 7, 2, 7, 11) with negative reduced cost
 Added (0, 7, 2, 7, 9, 7, 2, 7, 11) with path weight 31
 There are 2 occurrences of node 2
 There are 4 occurrences of node 7
 There are 1 occurrences of node 9
 Dual variables are [-1.3333333333333334, -5.333333333333333, 9.0, -3.0, -4.0,
 -1.0, 17.0, -24.333333333333336, -26.333333333333336, -24.333333333333336, -0.0]
 currently at node 7 with load 2
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 9
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 10
 Path is currently at node 7 with load 2
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 22
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 20
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 24
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 21
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 19
 Path is currently at node 5 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 19
 Path is currently at node 6 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 19
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 20
 Path is currently at node 10 with load 6
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 22

Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
PRICER_C: Found path with load 19
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
PRICER_C: Found path with load 17
Path is currently at node 5 with load 5
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
PRICER_C: Found path with load 17
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
PRICER_C: Found path with load 17
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
PRICER_C: Found path with load 18
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
PRICER_C: Found path with load 18
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 3 with load 7
PRICER_C: Found path with load 16
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
Path is currently at node 3 with load 7
PRICER_C: Found path with load 16
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 5 with load 5
PRICER_C: Found path with load 16
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
PRICER_C: Found path with load 17
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
PRICER_C: Found path with load 29
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
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PRICER_C: Found path with load 27
 Path is currently at node 5 with load 5
 Path is currently at node 7 with load 2
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 PRICER_C: Found path with load 27
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 PRICER_C: Found path with load 27
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 PRICER_C: Found path with load 28
 Path is currently at node 10 with load 6
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
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 PRICER_C: Found path with load 30
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 PRICER_C: Found path with load 28
 Path is currently at node 2 with load 8
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 PRICER_C: Found path with load 27
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 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 25
 Path is currently at node 5 with load 5
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 PRICER_C: Found path with load 25
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 PRICER_C: Found path with load 25
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 PRICER_C: Found path with load 25
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 PRICER_C: Found path with load 26
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 PRICER_C: Found path with load 26
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 PRICER_C: Found path with load 27
 Path is currently at node 5 with load 5
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 PRICER_C: Found path with load 24
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 23
 Path is currently at node 7 with load 2
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 21
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 22
 Path is currently at node 7 with load 2
 Path is currently at node 10 with load 6
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 27

Path is currently at node 5 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 PRICER_C: Found path with load 24
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 PRICER_C: Found path with load 25
 Path is currently at node 5 with load 5
 Path is currently at node 2 with load 8
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 PRICER_C: Found path with load 22
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 PRICER_C: Found path with load 21
 Path is currently at node 7 with load 2
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 PRICER_C: Found path with load 19
 Path is currently at node 7 with load 2
 Path is currently at node 5 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 PRICER_C: Found path with load 19
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 PRICER_C: Found path with load 20
 Path is currently at node 7 with load 2
 Path is currently at node 10 with load 6
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 PRICER_C: Found path with load 30
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 30
 Path is currently at node 4 with load 6
 Path is currently at node 7 with load 2

Path is currently at node 2 with load 8
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 29
 Path is currently at node 5 with load 5
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 PRICER_C: Found path with load 29
 Path is currently at node 6 with load 5
 Path is currently at node 7 with load 2
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 PRICER_C: Found path with load 29
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 PRICER_C: Found path with load 29
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at [0 7 3 7 3 7 3 7 11 0 0 0 0 0 0 0 0 0 0
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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0] node 2 with load 8
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 30
 Path is currently at node 10 with load 6
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 30
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 28
 Path is currently at node 5 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 28

Path is currently at node 6 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 Labelling found path (0, 7, 3, 7, 3, 7, 3, 7, 11) with negative reduced cost
 Added (0, 7, 3, 7, 3, 7, 3, 7, 11) with path weight 59
 There are 3 occurrences of node 3
 There are 4 occurrences of node 7
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 28
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 28
 Path is currently at node 9 with load 5
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 Path is currently at node 7 with load 2
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 PRICER_C: Found path with load 29
 Path is currently at node 10 with load 6
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 PRICER_C: Found path with load 29
 Path is currently at node 2 with load 8
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 PRICER_C: Found p
 Dual variables are [-1.3333333333333334, -5.333333333333333, -3.0, -3.0,
 5.666666666666666, -1.0, 17.0, -24.333333333333336, -26.333333333333336,
 -24.333333333333336, -0.0]
 ath with load 28
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 26
 Path is currently at node 5 with load 5
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Path is currently at node 1 with load 10
 PRICER_C: Found path with load 26
 Path is currently at node 6 with load 5
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 PRICER_C: Found path with load 26
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 PRICER_C: Found path with load 26
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 PRICER_C: Found path with load 27
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 PRICER_C: Found path with load 30
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 PRICER_C: Found path with load 29
 Path is currently at node 3 with load 7
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 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 27
 Path is currently at node 5 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 10 with load 6
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 PRICER_C: Found path with load 27
 Path is currently at node 6 with load 5
 Path is currently at node 7 with load 2
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Path is currently at node 1 with load 10
 PRICER_C: Found path with load 27
 Path is currently at node 8 with load 5
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 PRICER_C: Found path with load 27
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 PRICER_C: Found path with load 28
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 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 30
 Path is currently at node 4 with load 6
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 PRICER_C: Found path with load 29
 Path is currently at node 5 with load 5
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 PRICER_C: Found path with load 29
 Path is currently at node 6 with load 5
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 PRICER_C: Found path with load 29
 Path is currently at node 8 with load 5
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 PRICER_C: Found path with load 29
 Path is currently at node 9 with load 5
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Path is currently at node 2 with load 8
PRICER_C: Found path with load 30
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
PRICER_C: Found path with load 30
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
PRICER_C: Found path with load 29
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
PRICER_C: Found path with load 28
Path is currently at node 4 with load 6
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Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
PRICER_C: Found path with load 27
Path is currently at node 5 with load 5
Path is currently at node 7 with load 2
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Path is currently at node 2 with load 8
PRICER_C: Found path with load 27
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
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Path is currently at node 2 with load 8
PRICER_C: Found path with load 27
Path is currently at node 8 with load 5
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Path is currently at node 2 with load 8
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Path is currently at node 2 with load 8
PRICER_C: Found path with load 27
Path is currently at node 9 with load 5
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Path is currently at node 2 with load 8
PRICER_C: Found path with load 28
Path is currently at node 10 with load 6
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PRICER_C: Found path with load 29
Path is currently at node 2 with load 8
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PRICER_C: Found path with load 28
Path is currently at node 3 with load 7
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Path is currently at node 3 with load 7
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Path is currently at node 2 with load 8
PRICER_C: Found path with load 26
Path is currently at node 5 with load 5
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PRICER_C: Found path with load 26
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PRICER_C: Found path with load 26
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PRICER_C: Found path with load 26
Path is currently at node 9 with load 5
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Path is currently at node 2 with load 8
PRICER_C: Found path with load 27
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
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Path is currently at node 7 with load 2

Path is currently at node 2 with load 8
 PRICER_C: Found path with load 29
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
 Path is currently at node 5 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 PRICER_C: Found path with load 26
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 Path is currently at node 5 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 PRICER_C: Found path with load 24
 Path is currently at node 5 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 5 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 PRICER_C: Found path with load 24
 Path is currently at node 6 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 5 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 PRICER_C: Found path with load 24
 Path is currently at node 8 with load 5
 Path is currently at a[0 7 2 7 5 7 2 7 11 0 0 0 0 0 0 0 0 0 0 0
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 Path is currently at node 5 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 PRICER_C: Found path with load 25
 Path is currently at node 10 with load 6
 Path is currently at node 7 with load 2
 Path is currently at node 5 with load 5
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 Path is currently at node 2 with load 8
 PRICER_C: Found path with load 29
 Path is currently at node 1 with load 10
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 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 PRICER_C: Found path with load 27
 Path is currently at node 2 with load 8
 Path is currently at node 7 with load 2

Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 PRICER_C: Found path with load 26
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 P
 Labelling found path (0, 7, 2, 7, 5, 7, 2, 7, 11) with negative reduced cost
 Added (0, 7, 2, 7, 5, 7, 2, 7, 11) with path weight 45
 There are 2 occurrences of node 2
 There are 1 occurrences of node 5
 There are 4 occurrences of node 7
 Dual variables are [-1.3333333333333334, -5.333333333333333, -3.0, -3.0,
 -12.333333333333334, -1.0, 17.0, -24.333333333333336, -26.333333333333336,
 -24.333333333333336, -0.0]
 ath is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 PRICER_C: Found path with load 24
 Path is currently at node 5 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 PRICER_C: Found path with load 24
 Path is currently at node 6 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 PRICER_C: Found path with load 24
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 PRICER_C: Found path with load 24
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 PRICER_C: Found path with load 25
 Path is currently at node 10 with load 6
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8

PRICER_C: Found path with load 30
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
PRICER_C: Found path with load 28
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
PRICER_C: Found path with load 27
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
PRICER_C: Found path with load 25
Path is currently at node 5 with load 5
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
PRICER_C: Found path with load 25
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
PRICER_C: Found path with load 25
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
PRICER_C: Found path with load 25
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
PRICER_C: Found path with load 26
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8

PRICER_C: Found path with load 29
Path is currently at node 7 with load 2
Path is currently at node 5 with load 5
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
PRICER_C: Found path with load 29
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
PRICER_C: Found path with load 30
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
PRICER_C: Capacity is 30
PRICER_C: Found path with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 9
Path is currently at node 3 with load 7
PRICER_C: Found path with load 17
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 14
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
PRICER_C: Found path with load 12
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
PRICER_C: Found path with load 11
Path is currently at node 7 with load 2
Path is currently at node 3 with load 7
PRICER_C: Found path with load 9
Path is currently at node 7 with load 2
Path is currently at node 5 with load 5
PRICER_C: Found path with load 9
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
PRICER_C: Found path with load 22
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2

Path is currently at node 7 with load 2
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 16
 Path is currently at node 6 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 3 with load 7
 PRICER_C: Found path with
 Labelling found path (0, 7, 2, 7, 2, 7, 6, 11) with negative reduced cost
 Added (0, 7, 2, 7, 2, 7, 6, 11) with path weight 28
 There are 2 occurrences of node 2
 There are 1 occurrences of node 6
 There are 3 occurrences of node 7
 Dual variables are [-1.3333333333333334, -5.333333333333333, -3.0, -3.0,
 -12.333333333333334, -12.333333333333334, 17.0, -24.333333333333336,
 -26.333333333333336, -24.333333333333336, -0.0]
 load 16
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 16
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 2 with load 8
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 29
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
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 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 27
 Path is currently at node 5 with load 5
 Path is currently at node 7 with load 2
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 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 27
 Path is currently at node 6 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 27
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2

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PRICER_C: Found path with load 27
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 30
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
PRICER_C: Found path with load 28
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
PRICER_C: Found path with load 27
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
PRICER_C: Found path with load 25
Path is currently at node 5 with load 5
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
PRICER_C: Found path with load 25
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
PRICER_C: Found path with load 25
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
PRICER_C: Found path with load 25
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
PRICER_C: Found path with load 29
Path is currently at node 5 with load 5
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
Path is currently at node 1 with 1[ 0 7 2 7 2 7 6 11 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0
    0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]load 10
PRICER_C: Found path with load 26

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Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 27
 Path is currently at node 5 with load 5
 Path is currently at node 2 with load 8
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 24
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 23
 Path is currently at node 7 with load 2
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 21
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 PRICER_C: Found p
 Labelling found path (0, 7, 2, 7, 2, 7, 6, 11) with negative reduced cost
 Path already in variables with reduced cost -0.0 with farkas False.
 Farkas Values are [0.0, 0.0, 0.0, 0.0, 0.0, 0.0, -1.0, 0.0, 0.0, 0.0, 0.0]
 ath with load 27
 Path is currently at node 5 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 PRICER_C: Found path with load 24
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 PRICER_C: Found path with load 25
 Path is currently at node 5 with load 5
 Path is currently at node 2 with load 8
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 PRICER_C: Found path with load 22
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8


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PRICER_C: Found path with load 21
Path is currently at node 7 with load 2
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
PRICER_C: Found path with load 19
Path is curThere are no paths with negative reduced costs
Farkas Values are [0.0, -1.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0]
rently at node 7 with load 2
Path is currently at node 5 with load 5
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
PRICER_C: Found path with load 19
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
PRICER_C: Found path with load 30
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
PRICER_C: Found path with load 30
Path is currently at node 4 with load 6
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
PRICER_C: Found path with load 29
Path is currently at node 5 with load 5
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
Path is currently at node 7 with lThere are no paths with negative reduced costs
Dual variables are [10.555555555555555, -0.8888888888888893, 9.0,
-11.444444444444445, 12.0, 2.555555555555556, 1.7777777777777786,
4.2222222222222221, -0.6666666666666666, 0.33333333333333215, -0.0]
oad 2
Path is currently at node 1 with load 10
PRICER_C: Found path with load 29
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
PRICER_C: Found path with load 29
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2

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Path is currently at node 2 with load 8
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 29
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 30
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 28
 Path is currently at node 5 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 28
 Path is currently at node 6 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 28
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 28
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 29
 Path is currently at node 2 with load 8
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 28
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2

Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 26
 Path is currently at node 5 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 26
 Path is currently at node 6 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 26
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 26
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 30
 Path is currently at node 4 with load 6
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 PRICER_C: Found path with load 29
 Path is currently at node 5 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 PRICER_C: Found path with load 29
 Path is currently at node 6 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 PRICER_C: Found path with load 29
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2

Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
PRICER_C: Found path with load 29
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
PRICER_C: Found path with load 30
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
PRICER_C: Found path with load 29
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
PRICER_C: Found path with load 28
Path is currently at node 4 with load 6
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
PRICER_C: Found path with load 27
Path is currently at node 5 with load 5
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
PRICER_C: Found path with load 27
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
PRICER_C: Found path with load 27
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
PRICER_C: Found path with load 27
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2

Path is currently at node 2 with load 8
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 PRICER_C: Found path with load 29
 Path is currently at node 2 with load 8
 Path is currently at node 7 with load 2
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 PRICER_C: Found path with load 28
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 PRICER_C: Found path with load 26
 Path is currently at node 5 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 PRICER_C: Found path with load 26
 Path is currently at node 6 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 3 with 1[0 5 1 5 2 7 11 0 0 0 0 0 0 0
 0 0 0 0 0 0 0 0 0
 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]load 7
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 PRICER_C: Found path with load 26
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 PRICER_C: Found path with load 26
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 PRICER_C: Found path with load 29
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
 Path is currently at node 5 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 PRICER_C: Found path with load 26

Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 Path is currently at node 5 with load 5
 Path is currently at node 7 with load 2
 Path is currently
 Labelling found path (0, 5, 1, 5, 2, 7, 11) with negative reduced cost
 Added (0, 5, 1, 5, 2, 7, 11) with path weight 23
 There are 1 occurrences of node 1
 There are 1 occurrences of node 2
 There are 2 occurrences of node 5
 There are 1 occurrences of node 7
 Dual variables are [7.215384615384618, -3.276923076923074, 9.0,
 3.3076923076923066, 4.015384615384616, 3.4615384615384617, 3.2923076923076917,
 4.8307692307692305, 2.938461538461535, 0.35384615384615414, -0.0]
 at node 2 with load 8
 PRICER_C: Found path with load 24
 Path is currently at node 5 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 5 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 PRICER_C: Found path with load 24
 Path is currently at node 6 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 5 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 PRICER_C: Found path with load 24
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 5 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 PRICER_C: Found path with load 29
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 PRICER_C: Found path with load 27
 Path is currently at node 2 with load 8
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 PRICER_C: Found path with load 26
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2

Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 PRICER_C: Found path with load 24
 Path is currently at node 5 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 PRICER_C: Found path with load 24
 Path is currently at node 6 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 PRICER_C: Found path with load 24
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 PRICER_C: Found path with load 24
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 PRICER_C: Found path with load 29
 Path is currently at node 7 with load 2
 Path is currently at node 5 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 PRICER_C: Found path with load 29
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 10
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 9
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 17
 Path is currently at node 3 with load 7

Path is currently at node 7 with load 2
 PRICER_C: Found path with load 14
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 12
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 PRICER_C: Found path with load 11
 Path is currently at node 7 with load 2
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 9
 Path is currently at node 7 with load 2
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 9
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 22
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 20
 Path is currently at node 7 with load 2
 Path[0 5 4 5 4 6 11 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]
 Labelling found path (0, 5, 4, 5, 4, 6, 11) with negative reduced cost
 Added (0, 5, 4, 5, 4, 6, 11) with path weight 14
 There are 2 occurrences of node 4
 There are 2 occurrences of node 5
 There are 1 occurrences of node 6
 Dual variables are [10.125, -2.1250000000000006, 9.0, 5.874999999999999, 0.25,
 1.75, -1.50000000000000036, 1.7499999999999996, 6.7500000000000007,
 2.75000000000000018, -0.0]
 is currently at node 2 with load 8
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 24
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 21
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 19
 Path is currently at node 5 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 19
 Path is currently at node 6 with load 5

Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
PRICER_C: Found path with load 22
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
PRICER_C: Found path with load 19
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
PRICER_C: Found path with load 17
Path is currently at node 5 with load 5
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
PRICER_C: Found path with load 17
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
PRICER_C: Found path with load 18
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 3 with load 7
PRICER_C: Found path with load 16
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
Path is currently at node 3 with load 7
PRICER_C: Found path with load 16
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 5 with load 5
PRICER_C: Found path with load 16
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
PRICER_C: Found path with load 30
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 29
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 27
Path is currently at node 5 with load 5
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10

Path is currently at node 7 with load 2
PRICER_C: Found path with load 27
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 27
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 30
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
PRICER_C: Found path with load 28
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
PRICER_C: Found path with load 27
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
PRICER_C: Found path with load 25
Path is currently at node 5 with load 5
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
PRICER_C: Found path with load 25
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
PRICER_C: Found path with load 25
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
PRICER_C: Found path with load 29
Path is currently at node 5 with load 5
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
PRICER_C: Found path with load 26
Path is currently at node 7 with load 2

Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
PRICER_C: Found path with load 27
Path is currently at node 5 with load 5
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
PRICER_C: Found path with load 24
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
PRICER_C: Found path with load 23
Path is currently at node 7 with load 2
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
PRICER_C: Found path with load 27
Path is currently at node 5 with load 5
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
PRICER_C: Found path with load 24
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
PRICER_C: Found path with load 25
Path is currently at node 5 with load 5
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
PRICER_C: Found path with load 22
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
PRICER_C: Found path with load 21
Path is currently at node 7 with load 2
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
PRICER_C: Found path with load 19
Path is currently at node 7 with load 2
Path is currently at node 5 with load 5
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8

PRICER_C: Found path with load 28
 Path is currently at node 5 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 28
 Path is currently at node 6 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 28
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 30
 Path is currently at node 4 with load 6
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 PRICER_C: Found path with load 29
 Path is currentl
 Labelling found path (0, 9, 1, 9, 6, 11) with negative reduced cost
 Added (0, 9, 1, 9, 6, 11) with path weight 21
 y at node 5 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 PRICER_C: Found path with load 29
 Path is currently at node 6 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 PRICER_C: Found path with load 29
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 PRICER_C: Found path with load 30
 Path is currently at node 2 with load 8
 Path is currently at node 7 with load 2

Path is currently at node 2 with load 8
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 PRICER_C: Found path with load 29
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 There are 1 occurrences of node 1
 There are 1 occurrences of node 6
 There are 2 occurrences of node 9
 Dual variables are [10.125, 0.06249999999999999, 9.0, 5.875000000000001, 0.25,
 1.7499999999999993, -1.4999999999999996, 1.7500000000000004, 4.5625,
 2.7499999999999982, -0.0]

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Path is currently at node 2 with load 8
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 PRICER_C: Found path with load 28
 Path is currently at node 4 with load 6
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 PRICER_C: Found path with load 27
 Path is currently at node 5 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 PRICER_C: Found path with load 27
 Path is currently at node 6 with load 5
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 Path is currently at node 2 with load 8
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 PRICER_C: Found path with load 27
 Path is currently at node 9 with load 5
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 PRICER_C: Found path with load 29
 Path is currently at node 2 with load 8
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 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 PRICER_C: Found path with load 28
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2

Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
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PRICER_C: Found path with load 26
Path is currently at node 5 with load 5
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PRICER_C: Found path with load 26
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PRICER_C: Found path with load 26
Path is currently at node 9 with load 5
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PRICER_C: Found path with load 29
Path is currently at node 1 with load 10
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PRICER_C: Found path with load 26
Path is currently at node 3 with load 7
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PRICER_C: Found path with load 24
Path is currently at node 5 with load 5
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PRICER_C: Found path with load 24
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PRICER_C: Found path with load 29
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 PRICER_C: Found path with load 27
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 PRICER_C: Found path with load 26
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 PRICER_C: Found path with load 24
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 PRICER_C: Found path with load 24
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 Path is currently at node 2 with load 8
 PRICER_C: Found path with load 24
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 Path is currently at node 9 with load 5
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 Path is currently at node 2 with load 8
 PRICER_C: Found path with load 30
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
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 Path is currently at node 7 with load 2
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 28
 Path is currently at node 2 with load 8
 Path is currently at node 7 with load 2
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 27
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2


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Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 3 with load 7
PRICER_C: Found path with load 25
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 3 with load 7
PRICER_C: Found path with load 25
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 3 with load 7
PRICER_C: Found path with load 29
Path is currently at node 7 with load 2
Path is currently at node 5 with load 5
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
Path is currently at node [ 0  3 10  4  6 11  0  0  0  0  0  0  0  0  0  0  0  0  0
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    0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0]
Labelling found path (0, 3, 10, 4, 6, 11) with negative reduced cost
Path already in variables with reduced cost -3.375 with farkas False.
Dual variables are [-9.666666666666668, 8.333333333333332, 9.0,
2.333333333333332, -5.333333333333332, -8.666666666666664, -7.666666666666664,
13.0, 11.0, 2.333333333333332, -0.0]e 2 with load 8
PRICER_C: Found path with load 29
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
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Path is currently at node 2 with load 8
PRICER_C: Found path with load 30
Path is currently at node 7 with load 2
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
PRICER_C: Found path with load 29
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5

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Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 10
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 9
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 9
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 17
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 16
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 14
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 12
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 PRICER_C: Found path with load 11
 Path is currently at node 7 with load 2
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 19
 Path is currently at node 7 with load 2
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 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 26
 Path is currently at node 1 with load 10
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 21
 Path is currently at node 6 with load 5
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 18
 Path is currently at node 7 with load 2
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 24
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 21
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2

Path is currently at node 1 with load 10
PRICER_C: Found path with load 19
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
PRICER_C: Found path with load 22
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
PRICER_C: Found path with load 19
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
PRICER_C: Found path with load 17
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
PRICER_C: Found path with load 21
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
Path is currently at node 3 with load 7
PRICER_C: Found path with load 19
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
Path is currently at node 3 with load 7
PRICER_C: Found path with load 18
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
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PRICER_C: Found path with load 16
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
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PRICER_C: Found path with load 29
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 27
Path is currently at node 2 with load 8
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Path is currently at node 7 with load 2
PRICER_C: Found path with load 26
Path is currently at node 3 with load 7
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PRICER_C: Found path with load 24
 Path is currently at node 5 with load 5
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 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 24
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 PRICER_C: Found path with load 28
 Path is currently at node 1 with load 10
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 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 24
 Path is currently at node 4 with load 6
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 PRICER_C: Found path with load 23
 Path is currently at node 5 with load 5
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 PRICER_C: Found path with load 23
 Path is currently at node 6 with load 5
 Path is currently at node 7 with load 2
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 PRICER_C: Found path with load 23
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 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 21
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Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
PRICER_C: Found path with load 20
Path is currently at node 7 with load 2
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Path is currently at node 3 with load 7
PRICER_C: Found path with load 28
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PRICER_C: Found path with load 30
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PRICER_C: Found path with load 30
Path is currently at node 6 with load 5
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PRICER_C: Found path with load 27
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PRICER_C: Found path with load 30
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PRICER_C: Found path with load 29
Path is currently at node 4 with load 6
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Path is currently at node 1 with load 10
PRICER_C: Found path with load 28
Path is currently at node 5 with load 5
Path is currently at node 7 with load 2
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2

Path is currently at node 3 with load 7
 Path is currently at node 7 w
 Labelling found path (0, 9, 8, 9, 8, 9, 8, 11) with negative reduced cost
 Added (0, 9, 8, 9, 8, 9, 8, 11) with path weight 52
 There are 3 occurrences of node 8
 There are 3 occurrences of node 9
 Dual variables are [-5.888888888888887, 10.0, 9.0, 8.999999999999998,
 -6.944444444444443, -11.555555555555554, -6.444444444444445, 11.444444444444443,
 5.888888888888888, 4.555555555555555, -0.0]
 ith load 2
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 27
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
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 PRICER_C: Found path with load 26
 Path is currently at node 4 with load 6
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 PRICER_C: Found path with load 25
 Path is currently at node 5 with load 5
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 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 25
 Path is currently at node 6 with load 5
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 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 26
 Path is currently at node 10 with load 6
 Path is currently at node 7 with load 2
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 30
 Path is currently at node 7 with load 2
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8

PRICER_C: Found path with load 29
Path is currently at node 7 with load 2
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Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 3 with load 7
PRICER_C: Capacity is 30
PRICER_C: Found path with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 14
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
PRICER_C: Found path with load 12
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
PRICER_C: Found path with load 9
Path is currently at node 7 with load 2
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PRICER_C: Found path with load 22
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Path is currently at node 7 with load 2
PRICER_C: Found path with load 23
Path is currently at node 5 with load 5
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
PRICER_C: Found path with load 20
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
PRICER_C: Found path with load 24
Path is currently at node 1 with load 10
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Path is currently at node 1 with load 10
PRICER_C: Found path with load 21
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
PRICER_C: Found path with load 19
Path is currently at node 5 with load 5
Path is currently at node 7 with load 2
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PRICER_C: Found path with load 19
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
PRICER_C: Found path with load 22

Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
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PRICER_C: Found path with load 19
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
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PRICER_C: Found path with load 17
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PRICER_C: Found path with load 17
Path is currently at node 6 with load 5
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PRICER_C: Found path with load 14
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PRICER_C: Found path with load 30
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PRICER_C: Found path with load 29
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PRICER_C: Found path with load 27
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PRICER_C: Found path with load 27
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PRICER_C: Found path with load 30
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PRICER_C: Found path with load 28
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Path is currently at node 7 with load 2
PRICER_C: Found path with load 27
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PRICER_C: Found path with load 25
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PRICER_C: Found path with load 25
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PRICER_C: Found path with load 29
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PRICER_C: Found path with load 26
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PRICER_C: Found path with load 27
Path is currently at node 5 with load 5
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PRICER_C: Found path with load 24
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PRICER_C: Found path with load 21
Path is currently at node 7 with load 2
Path is currently at node 5 with load 5
Path is currently at node 7 with load 2
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PRICER_C: Found path with load 27
Path is currently at node 5 with load 5
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
PRICER_C: Found path with load 24
Path is currently at node 7 with load 2

Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
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PRICER_C: Found path with load 25
Path is currently at node 5 with load 5
Path is currently at node 2 with load 8
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PRICER_C: Found path with load 22
Path is currently at node 7 with load 2
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PRICER_C: Found path with load 19
Path is currently at node 7 with load 2
Path is currently at node 5 with load 5
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Path is currently at node 2 with load 8
PRICER_C: Found path with load 30
Path is currently at node 7 with load 2
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PRICER_C: Found path with load 30
Path is currently at node 4 with load 6
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Path is currently at node 1 with load 10
PRICER_C: Found path with load 29
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Path is currently at node 7 with load 2
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PRICER_C: Found path with load 29
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Path is currently at node 1 with load 10
PRICER_C: Found path with load 29
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
Path is currently at node 5 with load 5
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10

Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 PRICER_C: Found path with load 27
 Path is currently at node 5 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 Path is currently at node 7 w
 Labelling found path (0, 2, 10, 8, 10, 8, 11) with negative reduced cost
 Added (0, 2, 10, 8, 10, 8, 11) with path weight 20
 There are 1 occurrences of node 2
 There are 2 occurrences of node 8
 There are 2 occurrences of node 10
 Dual variables are [-3.333333333333332, 7.499999999999999, 9.0,
 -8.166666666666666, 0.3333333333333333, -5.833333333333332, -6.5,
 6.333333333333333, 11.0, -0.0833333333333326, -0.0]
 ith load 2
 Path is currently at node 2 with load 8
 PRICER_C: Found path with load 27
 Path is currently at node 6 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 Path is currently at node 7 with load 2
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 PRICER_C: Found path with load 29
 Path is currently at node 1 with load 10
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 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 PRICER_C: Found path with load 27
 Path is currently at node 2 with load 8
 Path is currently at node 7 with load 2
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 Path is currently at node 2 with load 8
 PRICER_C: Found path with load 26
 Path is currently at node 3 with load 7
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 Path is currently at node 5 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 PRICER_C: Found path with load 24
 Path is currently at node 5 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 5 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 PRICER_C: Found path with load 24

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Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
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PRICER_C: Found path with load 29
Path is currently at node 7 with load 2
Path is currently at node 5 with load 5
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Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
PRICER_C: Found path with load 29
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
Path is currently at node 5 with load 5
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
PRICER_C: Capacity is 30
PRICER_C: Found path with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 14
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
PRICER_C: Found path with load 12
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PRICER_C: Found path with load 22
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PRICER_C: Found path with load 20
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PRICER_C: Found path with load 24
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PRICER_C: Found path with load 21
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
PRICER_C: Found path with load 19
Path is curren[ 0 2 5 9 8 11 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]

```

Labelling found path (0, 2, 5, 9, 8, 11) with negative reduced cost
 Added (0, 2, 5, 9, 8, 11) with path weight 18
 tly at node 6 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 22
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 PRICER_C: Found path with load 19
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 PRICER_C: Found path with load 17
 Path is currently at node 6 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 PRICER_C: Found path with load 30
 Path is currently at node 2 with load 8
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 29
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 27
 Path iThere are 1 occurences of node 2
 There are 1 occurences of node 5
 There are 1 occurences of node 8
 There are 1 occurences of node 9
 Dual variables are [-1.2499999999999982, 7.499999999999999, 9.0,
 1.9999999999999973, -4.749999999999998, -0.7500000000000009, -6.5,
 4.249999999999999, 11.0, 2.0000000000000001, -0.0]
 s currently at node 6 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 30
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 28
 Path is currently at node 2 with load 8
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8

Path is currently at node 7 with load 2
PRICER_C: Found path with load 27
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
PRICER_C: Found path with load 25
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
PRICER_C: Found path with load 26
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
PRICER_C: Found path with load 24
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
PRICER_C: Found path with load 24
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
PRICER_C: Found path with load 22
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
PRICER_C: Found path with load 30
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
PRICER_C: Found path with load 30
Path is currently at node 4 with load 6
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
PRICER_C: Found path with load 29
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2


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PRICER_C: Found path with load 22
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 20
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
PRICER_C: Found path with load 24
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
PRICER_C: Found path with load 21
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
PRICER_C: Found path with load 22
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
PRICER_C: Found path with load 19
Path is currently at node 3 with load 7
P
Labelling found path (0, 2, 10, 9, 6, 11) with negative reduced cost
Added (0, 2, 10, 9, 6, 11) with path weight 18
There are 1 occurrences of node 2
There are 1 occurrences of node 6
There are 1 occurrences of node 9
There are 1 occurrences of node 10
Dual variables are [-1.2499999999999982, 7.499999999999999, 9.0,
1.9999999999999973, -4.749999999999998, -2.5, -6.5, 4.249999999999999, 11.0,
2.0000000000000001, -0.0]
ath is currently at node 7 with load 2
Path is currently at node 2 with load 8
PRICER_C: Found path with load 30
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 29
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 30
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8

```

Path is currently at node 7 with load 2
 PRICER_C: Found path with load 28
 Path is currently at node 2 with load 8
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 27
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 26
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 24
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 24
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 PRICER_C: Found path with load 22
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 PRICER_C: Found path with load 30
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 30
 Path is currently at node 4 with load 6
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 30
 Path is currently at node 4 with load 6
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2

Path is currently at node 2 with load 8
 PRICER_C: Found path with load 29
 Path is currently at node 6 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 PRICER_C: Found path with load 30
 Path is currently at node 2 with load 8
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 PRICER_C: Found path with load 29
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 PRICER_C: Found path with load 28
 Path is currently at node 4 with load 6
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 PRICER_C: Found path with load 27
 Path is currently at node 6 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 PRICER_C: Capacity is 30
 PRICER_C: There are no paths with negative reduced costs
 PRICER_C: Capacity is 30
 PRICER_C: There are no paths with negative reduced costs
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 17
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 15
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 15
 Path is currently at node 6 with load 5
 PRICER_C: Found path with load 15
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 15
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 13
 Path is currently at node 5 with load 5

```

PRICER_C: Found path with load 17
Path is currently at node 1 with load 10
PRICER_C: Found path with load 15
Path is currently at node 1 with load 10
PRICER_C: Found path with load 12
Path is currently at node 3 with load 7
PRICER_C: Found path with load 10
Path is currently at node 6 with load 5
PRICER_C: Found path with load 27
Path is currently at node 1 with load 10
Path is currently at node 3 with load 7
PRICER_C: Found path with load 23
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 25
Path is currently at node 1 with load 10
Path is currently at node 5 with load 5
PRICER_C: Found p[ 0  2 10  3 10 11  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
0  0  0
    0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0]ath with load 23
Path is currently at node 2 with load 8
Path is currently at node 5 with load 5
PRICER_C: Found path with load 22
Path is currently at node 3 with load 7
Path is currently at node 5 with load 5
PRICER_C: Found path with load 20
Path is currently at node 6 with load 5
Path is currently at node 5 with load 5
PRICER_C: Found path with load 20
Path is currently at node 8 with load 5
Path is currently at node 5 with load 5
PRICER_C: Found path with load 20
Path is currently at node 9 with load 5
Path is currently at node 5 with load 5
PRICER_C: Found path with load 21
Path is currently at node 10 with load 6
Path is currently at node 5 with load 5
PRICER_C: Found path with load 23
Path is currently at node 5 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 23
Path is currently at node 1 with load 10
Path is currently at node 5 with load 5
PRICER_C: Found path with load 18
Path is currently at node 6 with load 5
Path is currently at node 5
Labelling found path (0, 2, 10, 3, 10, 11) with negative reduced cost
Added (0, 2, 10, 3, 10, 11) with path weight 9

```

There are 1 occurrences of node 2
 There are 1 occurrences of node 3
 There are 2 occurrences of node 10
 Dual variables are [-4.80952380952381, 5.285714285714288, 9.0,
 6.904761904761905, -4.61904761904762, -3.5238095238095255, -2.80952380952381,
 9.285714285714285, 8.047619047619047, -2.642857142857144, -0.0]
 with load 5
 PRICER_C: Found path with load 18
 Path is currently at node 9 with load 5
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 19
 Path is currently at node 10 with load 6
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 22
 Path is currently at node 5 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 22
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 22
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 20
 Path is currently at node 5 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 17
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 20
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 20
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 21
 Path is currently at node 10 with load 6
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 18
 Path is currently at node 5 with load 5
 Path is currently at node 2 with load 8
 PRICER_C: Found path with load 18
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 29
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 30

Path is currently at node 5 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 6 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 27
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 28
 Path is currently at node 5 with load 5
 Path is currently at node 2 with load 8
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 25
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 28
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 26
 Path is currently at node 10 with load 6
 Path is currently at node 6 with load 5
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 28
 Path is currently at node 6
 Labelling found path (0, 2, 9, 4, 9, 4, 11) with negative reduced cost
 Added (0, 2, 9, 4, 9, 4, 11) with path weight 33
 There are 1 occurrences of node 2
 There are 2 occurrences of node 4
 There are 2 occurrences of node 9
 Dual variables are [-4.444444444444445, 4.555555555555557, 9.0,
 6.296296296296296, -3.888888888888889, -2.185185185185185, -2.444444444444446,
 9.407407407407407, 7.925925925925926, -2.277777777777778, -0.0]
 with load 5

Path is currently at node 5 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 28
Path is currently at node 9 with load 5
Path is currently at node 5 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 30
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
Path is currently at node 5 with load 5
PRICER_C: Found path with load 28
Path is currently at node 5 with load 5
Path is currently at node 1 with load 10
Path is currently at node 5 with load 5
PRICER_C: Found path with load 28
Path is currently at node 6 with load 5
Path is currently at node 1 with load 10
Path is currently at node 5 with load 5
PRICER_C: Found path with load 25
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 5 with load 5
PRICER_C: Found path with load 28
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 5 with load 5
PRICER_C: Found path with load 28
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
Path is currently at node 5 with load 5
PRICER_C: Found path with load 29
Path is currently at node 10 with load 6
Path is currently at node 1 with load 10
Path is currently at node 5 with load 5
PRICER_C: Found path with load 30
Path is currently at node 2 with load 8
Path is currently at node 5 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 27
Path is currently at node 6 with load 5
Path is currently at node 5 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 27
Path is currently at node 9 with load 5
Path is currently at node 5 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 24
Path is currently at node 7 with load 2

Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 28
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 30
Path is currently at node 1 with load 10
Path is currently at node 5 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 28
Path is currently at node 2 with load 8
Path is currently at node 5 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 27
Path is currently at node 3 with load 7
Path is currently at node 5 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 25
Path is currently at node 6 with load 5
Path is currently at node 5 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 22
Path is currently at node 7 with load 2
Path is currently at node 5 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 25
Path is currently at node 8 with load 5
Path is currently at node 5 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 25
Path is currently at node 9 with load 5
Path is currently at node 5 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 26
Path is currently at node 10 with load 6
Path is currently at node 5 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 28
Path is currently at node 1 with load 10
Path is currently at node 5 with load 5
Path is currently at node 2 with load 8
PRICER_C: Found path with load 26
Path is currently at node 2 with load 8
Path is currently at node 5 with load 5
Path is currently at node 2 with load 8
PRICER_C: Found path with load 23
Path is currently at node 6 with load 5

Path is currently at node 5 with load 5
 Path is currently at node 2 with load 8
 PRICER_C: Found path with load 23
 Path is currently at node 9 with load 5
 Path is currently at node 5 with load 5
 Path is currently at node 2 with load 8
 PRICER_C: Found path with load [0 2 4 9 4 9 11 0 0 0 0 0 0 0 0
 0 0 0 0 0 0 0 0
 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0] 24
 Path is currently at node 10 with load 6
 Path is currently at node 5 with load 5
 Path is currently at node 2 with load 8
 PRICER_C: Found path with load 30
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 Path is currently at node 5 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 17
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 15
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 27
 Path is currently at node 1 with load 10
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 23
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 25
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 24
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 22
 Path is curre
 Labelling found path (0, 2, 4, 9, 4, 9, 11) with negative reduced cost
 Added (0, 2, 4, 9, 4, 9, 11) with path weight 22
 There are 1 occurences of node 2
 There are 2 occurences of node 4
 There are 2 occurences of node 9
 Dual variables are [-4.166666666666667, 4.0, 9.0, 1.1666666666666679,
 -3.333333333333332, 3.5, -2.166666666666665, 9.5, 7.833333333333332, -2.0, -0.0]
 ntly at node 5 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 22
 Path is currently at node 6 with load 5
 Path is currently at node 1 with load 10

```

PRICER_C: Found path with load 22
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 22
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 20
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 20
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 29
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 3 with load 7
PRICER_C: Found path with load 28
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 28
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 30
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 28
Path is currently at node 6 with load 5
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 30
Path is currently at node 5 with load 5
Path is currently at node 1 with load 10
Path is currently at node 5 with load 5
PRICER_C: Found path with load 30
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 5 with load 5
PRICER_C: Found path with load 30
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
Path is currently at node 5 with load 5
PRICER_C: Found path with load 26
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
Path [ 0  2  8  9  6  9 11  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0

```

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0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]is currently at node 5 with
load 5
PRICER_C: Found path with load 26
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
PRICER_C: Found path with load 30
Path is currently at node 5 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 6 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 27
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Pa
Labelling found path (0, 2, 8, 9, 6, 9, 11) with negative reduced cost
Added (0, 2, 8, 9, 6, 9, 11) with path weight 28
There are 1 occurences of node 2
There are 1 occurences of node 6
There are 1 occurences of node 8
There are 2 occurences of node 9
Dual variables are [-3.6666666666666666, 2.9999999999999993, 9.0,
1.8333333333333375, -2.3333333333333325, 8.881784197001252e-15,
-1.6666666666666666, 9.666666666666666, 7.666666666666666, -1.4999999999999964,
-0.0]
th is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 27
Path is currently at node 9 with load 5
Path is currently at node 5 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 30
Path is currently at node 1 with load 10
Path is currently at node 3 with load 7

```

Path is currently at node 10 with load 6
 PRICER_C: Found path with load 25
 Path is currently at node 6 with load 5
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 26
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 29
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 29
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 29
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 27
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 27
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 27
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 17
 Path is currently at node 3 with [0 2 3 2 7 9 11 0 0 0 0 0 0 0 0 0
 0 0 0 0 0 0 0 0
 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0] load 7
 PRICER_C: Found path with load 15
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 17
 Path is currently at node 1 with load 10

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PRICER_C: Found path with load 13
Path is currently at node 10 with load 6
PRICER_C: Found path with load 27
Path is currently at node 1 with load 10
Path is currently at node 3 with load 7
PRICER_C: Found path with load 23
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 26
Path is currently at node 1 with load 10
Path is currently at node 4 with load 6
PRICER_C: Found path with load 21
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 21
Path is currently at node 9 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 22
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
PRICER_C: Found path with load 25
Path is currently at node 1 with load 10
Path
Labelling found path (0, 2, 3, 2, 7, 9, 11) with negative reduced cost
Added (0, 2, 3, 2, 7, 9, 11) with path weight 17
There are 2 occurrences of node 2
There are 1 occurrences of node 3
There are 1 occurrences of node 7
There are 1 occurrences of node 9
Dual variables are [-3.133333333333333, 0.6000000000000001, 9.0,
3.033333333333333, -0.14999999999999947, -0.06666666666666599,
-0.8666666666666663, 9.666666666666666, 7.666666666666666, -0.30000000000000004,
-0.0]
is currently at node 5 with load 5
PRICER_C: Found path with load 25
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 25
Path is currently at node 1 with load 10
Path is currently at node 9 with load 5
PRICER_C: Found path with load 20
Path is currently at node 6 with load 5
Path is currently at node 9 with load 5
PRICER_C: Found path with load 23
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 24
Path is currently at node 3 with load 7

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Path is currently at node 1 with load 10
 PRICER_C: Found path with load 22
 Path is currently at node 6 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 22
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 22
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 23
 Path is curr[0 3 10 3 8 9 11 0 0 0 0 0 0 0 0 0 0 0 0 0 0
 0 0
 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]
 ently at node 1 with load 10
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 20
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 18
 Path is currently at node 6 with load 5
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 20
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 20
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 21
 Path is currently at node 10 with load 6
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 29
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 28
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 28
 Path is curLabelling found path (0, 3, 10, 3, 8, 9, 11) with negative reduced
 cost
 Added (0, 3, 10, 3, 8, 9, 11) with path weight 30
 rently at node 6 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 30
 Path is currently at node 3 with load 7

Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 29
 Path is currently at node 4 with load 6
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 28
 Path is currently at node 6 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 28
 Path is currently at node 8 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 26
 Path is currently at node 6 with load 5
 Path is currently at node 9 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 29
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PaThere are 2 occurrences of node 3
 There are 1 occurrences of node 8
 There are 1 occurrences of node 9
 There are 1 occurrences of node 10
 Dual variables are [-2.196428571428571, 1.8214285714285712, 6.964285714285714,
 3.1071428571428577, -0.45535714285714324, 1.8392857142857126,
 -0.5892857142857153, 8.982142857142858, 6.982142857142858, 0.1071428571428572,
 -0.0]
 th is currently at node 4 with load 6
 PRICER_C: Found path with load 30
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 5 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 5 with load 5

Path is currently at node 1 with load 10
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 6 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 27
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 26
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 26
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 26
 Path is currently at node 9 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 29
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
 Labelling found path (0, 3, 10, 8, 7, 8, 11) with negative reduced cost
 Added (0, 3, 10, 8, 7, 8, 11) with path weight 24
 th load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 30
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 28
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 28

Path is currently at node 9 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 28
 Path is currently at node 4 with load 6
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 27
 Path is currently at node 6 with load 5
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 28
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 10 with load 6
 PRICER_C: Found pThere are 1 occurrences of node 3
 There are 1 occurrences of node 7
 There are 2 occurrences of node 8
 There are 1 occurrences of node 10
 Dual variables are [-2.1860465116279055, 1.8837209302325562, 6.8604651162790695,
 2.837209302325583, -0.47093023255813904, 1.9534883720930214,
 -0.8488372093023244, 8.930232558139535, 7.220930232558139, 0.12790697674418716,
 -0.0]
 ath with load 28
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 30
 Path is currently at node 1 with load 10
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 26
 Path is currently at node 4 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 26
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 24
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 25
 Path is currently at node 6 with load 5
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Capacity is 30

```

PRICER_C: Found path with load 17
Path is currently at node[ 0 3 10 8 7 8 11 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0
    0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]
Labelling found path (0, 3, 10, 8, 7, 8, 11) with negative reduced cost
Path already in variables with reduced cost -0.0 with farkas False.
Farkas Values are [0.0, -1.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0] 3
with load 7
PRICER_C: Found path with load 15
Path is currently at node 9 with load 5
PRICER_C: Found path with load 15
Path is currently at node 3 with load 7
PRICER_C: Found path with load 17
Path is currently at node 1 with load 10
PRICER_C: Found path with load 13
Path is currently at node 10 with load 6
PRICER_C: Found path with load 28
Path is currently at node 1 with load 10
Path is currently at node 2 with load 8
PRICER_C: Found path with load 27
Path is currently at node 1 with load 10
Path is currently at node 3 with load 7
PRICER_C: Found path with load 23
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 26
Path is currently at node 1 with load 10
Path is currently at node 4 with load 6
PRICER_C: Found path with load 21
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 21
Path is currently at node 9 with load 5
Path is currently at node 4 with load 6
There are no paths with negative reduced costs
Dual variables are [-4.6206896551724155, 5.172413793103449, 7.3448275862068995,
0.5172413793103434, -4.241379310344831, -2.1379310344827633,
-2.6206896551724155, 9.17241379310345, 7.896551724137932, -1.7586206896551744,
-0.0]

PRICER_C: Found path with load 22
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
PRICER_C: Found path with load 25
Path is currently at node 1 with load 10
Path is currently at node 5 with load 5
PRICER_C: Found path with load 25
Path is currently at node 1 with load 10

```

Path is currently at node 8 with load 5
 PRICER_C: Found path with load 25
 Path is currently at node 1 with load 10
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 20
 Path is currently at node 6 with load 5
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 23
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 25
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 23
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 23
 Path is currently at node 9 with load 5
 Path i[0 2 3 2 7 9 11 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]s currently at node 1 with load
 10
 PRICER_C: Found path with load 21
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 24
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 22
 Path is currently at node 6 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 22
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 22
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 23
 Path is currently at node 1 with load 10
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 20
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 18
 Path is currently at node 6 with load 5
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 29
 Path is cu
 Labelling found path (0, 2, 3, 2, 7, 9, 11) with negative reduced cost

Path already in variables with reduced cost -5.965517241379317 with farkas
False.

Dual variables are [8.333333333333334, -0.8333333333333333, 9.0, -0.5, 4.5, 6.0,
2.0, 2.166666666666667, 3.333333333333333, 0.4166666666666665, -0.0]

Currently at node 7 with load 2

Path is currently at node 1 with load 10

Path is currently at node 3 with load 7

PRICER_C: Found path with load 28

Path is currently at node 5 with load 5

Path is currently at node 4 with load 6

Path is currently at node 3 with load 7

PRICER_C: Found path with load 28

Path is currently at node 6 with load 5

Path is currently at node 4 with load 6

Path is currently at node 3 with load 7

PRICER_C: Found path with load 30

Path is currently at node 3 with load 7

Path is currently at node 10 with load 6

Path is currently at node 3 with load 7

PRICER_C: Found path with load 29

Path is currently at node 4 with load 6

Path is currently at node 10 with load 6

Path is currently at node 3 with load 7

PRICER_C: Found path with load 28

Path is currently at node 6 with load 5

Path is currently at node 10 with load 6

Path is currently at node 3 with load 7

PRICER_C: Found path with load 28

Path is currently at node 8 with load 5

Path is currently at node 10 with load 6

Path is currently at node 3 with load 7

PRICER_C: Found path with load 29

Path is currently at node 3 with load 7

Path is currently at node 10 with load 6

Path is currently at node 4 with load 6

PRICER_C: Found path with load 30

Path is currently at node 9 with load 5

Path is currently at node 1 with load 10

Path is currently at node 5 with load 5

PRICER_C: Found path with load 26

Path is currently at node 6 with load 5

Path is currently at node 4 with load 6

Path is currently at node 5 with load 5

PRICER_C: Found path with load 30

Path is currently at node 5 with load 5

Path is currently at node 1 with load 10

Path is currently at node 8 with load 5

PRICER_C: Found path with load 30

Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 3[0 3 10 3 10 11 0 0 0 0 0 0 0 0 0
 0 0 0 0 0 0 0 0
 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]
 Labelling found path (0, 3, 10, 3, 10, 11) with negative reduced cost
 Path already in variables with reduced cost -5.83333333333332 with farkas
 False.
 Farkas Values are [0.0, 0.0, 0.0, 0.0, -1.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0]
 Path is currently at node 5 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 26
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 26
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 29
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 28
 Path is currently at node 3 with load 7
 Path is currently at node 10
 There are no paths with negative reduced costs
 Dual variables are [10.064220183486238, -1.1926605504587156, 9.0,
 2.706422018348623, 4.495412844036697, 3.8623853211009176, 1.6880733944954134,
 3.944954128440367, 0.4954128440366965, 0.5963302752293578, -0.0]
 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 30
 Path is currently at node 10 with load 6

Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 28
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
Path is currently at node 1 with load 10
PRICER_C: Found path with load 28
Path is currently at node 9 with load 5
Path is currently at node 4 with load 6
Path is currently at node 1 with load 10
PRICER_C: Found path with load 28
Path is currently at node 4 with load 6
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 27
Path is currently at node 6 with load 5
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 28
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 10 with load 6
PRICER_C: Found path with load 28
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
Path is currently at node 10 with load 6
PRICER_C: Found path with load 30
Path is currently at node 1 with load 10
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 26
Path is currently at node 4 with load 6
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 26
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 24
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 10 with load 6
PRICER_C: Capacity is 30
PRICER_C: Found path with load 15
Path is currently at node 3 with load 7
PRICER_C: Found path with load 13
Path is currently at node 8 with load 5
PRICER_C: Found path with load 13

Path is currently at node 9 with load 5
PRICER_C: Found path with load 14
Path is currently at node 10 with load 6
PRICER_C: Found path with load 12
Path is currently at node 8 with load 5
PRICER_C: Found path with load 13
Path is currently at node 10 with load 6
PRICER_C: Found path with load 12
Path is currently at node 3 with load 7
PRICER_C: Found path with load 10
Path is currently at node 9 with load 5
PRICER_C: Found path with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 23
Path is currently at node 2 with load 8
Path is currently at node 3 with load 7
PRICER_C: Found path with load 20
Path is currently at node 8 with load 5
Path is currently at node 3 with load 7
PRICER_C: Found path with load 20
Path is currently at node 9 with load 5
Path is currently at node 3 with load 7
PRICER_C: Found path with load 21
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 19
Path is currently at node 9 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 21
Path is currently at node 2 with load 8
Path is currently at node 8 with load 5
PRICER_C: Found path with load 18
Path is currently at node 9 with load 5
Path is currently at node 8 with load 5
PRICER_C: Found path with load 19
Path is currently at node 10 with load 6
Path is currently at node 8 with load 5
PRICER_C: Found path with load 18
Path is currently at node 8 with load 5
Path is currently at node 9 with load 5
PRICER_C: Found path with load 21
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 19
Path is currently at node 8 with load 5
Path is currently at node 10 with load 6
PRICER_C: Found path with load 15
Path is currently at node 9 with load 5

Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 3 with load 7
Path is currently at node 2 with load 8
Path is currently at node 3 with load 7
PRICER_C: Found path with load 29
Path is currently at node 4 with load 6
Path is currently at node 2 with load 8
Path is currently at node 3 with load 7
PRICER_C: Found path with load 28
Path is currently at node 5 with load 5
Path is currently at node 2 with load 8
Path is currently at node 3 with load 7
PRICER_C: Found path with load 28
Path is currently at node 8 with load 5
Path is currently at node 2 with load 8
Path is currently at node 3 with load 7
PRICER_C: Found path with load 28
Path is currently at node 9 with load 5
Path is currently at node 2 with load 8
Path is currently at node 3 with load 7
PRICER_C: Found path with load 29
Path is currently at node 10 with load 6
Path is currently at node 2 with load 8
Path is currently at node 3 with load 7
PRICER_C: Found path with load 26
Path is currently at node 9 with load 5
Path is currently at node 4 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 25
Path is currently at node 9 with load 5
Path is currently at node 8 with load 5
Path is currently at node 3 with load 7
PRICER_C: Found path with load 26
Path is currently at node 4 with load 6
Path is currently at node 9 with load 5
Path is currently at node 3 with load 7
PRICER_C: Found path with load 25
Path is currently at node 8 with load 5
Path is currently at node 9 with load 5
Path is currently at node 3 with load 7
PRICER_C: Found path with load 29
Path is currently at node 2 with load 8
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 28
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6

Path is currently at node 3 with load 7
 PRICER_C: Found path with load 27
 Path is currently at node 4 with load 6
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 26
 Path is currently at node 8 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 26
 Path is currently at node 5 with load 5
 Path is currently at node 2 with load 8
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 24
 Path is currently at node 4 with load 6
 Path is currently at node 9 with load 5
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 23
 Path is currently at node 8 with load 5
 Path is currently at node 9 with load 5
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 26
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 23
 Path is currently at node 9 with load 5
 Path is currently at node 8 with load 5
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 27
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 24
 Path is currently at node 9 with load 5
 Path is cur[0 5 1 3 10 11 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
 0
 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]rently at node 8 with load 5
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 25
 Path is currently at node 10 with load 6
 Path is currently at node 8 with load 5
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 20
 Path is currently at node 8 with load 5
 Path is currently at node 9 with load 5
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 30

Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 2 with load 8
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 30
 Path is currently at node 6 with load 5
 Path is currently at node 9 with load 5
 Path is currently at node 8 with load 5
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 30
 Path is currently at node 8 with load 5
 Path is currently at node 9 with load 5
 Path is currently at node 8 with load 5
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 30
 Path
 Labelling found path (0, 5, 1, 3, 10, 11) with negative reduced cost
 Added (0, 5, 1, 3, 10, 11) with path weight 17
 There are 1 occurrences of node 1
 There are 1 occurrences of node 3
 There are 1 occurrences of node 5 is currently at node 9 with load 5
 Path is currently at node 8 with load 5
 Path is currently at node 9 with load 5
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 28
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 29
 Path is currently at node 9 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 9 with load 5
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 29
 Path is currently at node 4 with load 6
 Path is currently at node 8 with load 5
 Path is currently at node 9 with load 5
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 25
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 9 with load 5
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 28
 Path is currently at node 9 with
 There are 1 occurrences of node 10
 Dual variables are [5.054794520547945, -4.006849315068491, 9.0,

4.780821917808218, 2.493150684931509, 2.4794520547945207, 3.0958904109589085,
5.616438356164382, 5.239726027397255, 0.45205479452054576, -0.0]

load 5

Path is currently at node 8 with load 5

Path is currently at node 9 with load 5

Path is currently at node 8 with load 5

PRICER_C: Found path with load 29

Path is currently at node 10 with load 6

Path is currently at node 8 with load 5

Path is currently at node 9 with load 5

Path is currently at node 8 with load 5

PRICER_C: Found path with load 29

Path is currently at node 4 with load 6

Path is currently at node 9 with load 5

Path is currently at node 8 with load 5

Path is currently at node 9 with load 5

PRICER_C: Found path with load 28

Path is currently at node 6 with load 5

Path is currently at node 9 with load 5

Path is currently at node 8 with load 5

Path is currently at node 9 with load 5

PRICER_C: Found path with load 30

Path is currently at node 4 with load 6

Path is currently at node 9 with load 5

Path is currently at node 8 with load 5

Path is currently at node 10 with load 6

PRICER_C: Found path with load 29

Path is currently at node 6 with load 5

Path is currently at node 9 with load 5

Path is currently at node 8 with load 5

Path is currently at node 10 with load 6

PRICER_C: Found path with load 29

Path is currently at node 8 with load 5

Path is currently at node 9 with load 5

Path is currently at node 8 with load 5

Path is currently at node 10 with load 6

PRICER_C: Found path with load 25

Path is currently at node 9 with load 5

Path is currently at node 8 with load 5

Path is currently at node 9 with load 5

Path is currently at node 8 with load 5

PRICER_C: Found path with load 26

Path is currently at node 10 with load 6

Path is currently at node 8 with load 5

Path is currently at node 9 with load 5

Path is currently at node 8 with load 5

PRICER_C: Found path with load 30

Path is currently at node 7 with load 2

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Path is currently at node 9 with load 5
Path is currently at node 8 with load 5
Path is currently at node 9 with load 5
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 6 with load 5
Path is [ 0 5 4 5 4 6 11 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]currently at node 9 with load 5
Path is currently at node 8 with load 5
Path is currently at node 9 with load 5
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 8 with load 5
Path is currently at node 9 with load 5
Path is currently at node 8 with load 5
Path is currently at node 9 with load 5
Path is currently at node 8 with load 5
PRICER_C: Capacity is 30
PRICER_C: Found path with load 15
Path is currently at node 3 with load 7
PRICER_C: Found path with load 14
Path is currently at node 4 with load 6
PRICER_C: Found path with load 13
Path is currently at node 8 with load 5
PRICER_C: Found path with load 13
Path is currently at node 9 with load 5
PRICER_C: Found path with load 14
Path is currently at node 10 with load 6
PRICER_C: Found path with load 13
Path is currently at node 10 with load 6
PRICER_C: Found path with load 13
Path is currently at node 3 with load 7
PRICER_C: Found path with load 13
Path is currently at node 3 with lo
Labelling found path (0, 5, 4, 5, 4, 6, 11) with negative reduced cost
Path already in variables with reduced cost -3.0273972602739754 with farkas
False.
Farkas Values are [0.0, 0.0, 0.0, 0.0, 0.0, -1.0, 0.0, 0.0, 0.0, 0.0, 0.0]
ad 7
PRICER_C: Found path with load 23
Path is currently at node 2 with load 8
Path is currently at node 3 with load 7
PRICER_C: Found path with load 21
Path is currently at node 4 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 20
Path is currently at node 8 with load 5
Path is currently at node 3 with load 7
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PRICER_C: Found path with load 20
 Path is currently at node 9 with load 5
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 21
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 22
 Path is currently at node 2 with load 8
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 21
 Path is currently at node 3 with load 7
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 19
 Path is currently at node 8 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 19
 Path is currently at node 9 with load 5
 Path is There are no paths with negative reduced costs currently at node 4 with load 6
 PRICER_C: Found path with load 20
 Path is currently at node 10 with load 6
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 21
 Path is currently at node 2 with load 8
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 21
 Path is currently at node 2 with load 8
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 19
 Path is currently at node 4 with load 6
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 18
 Path is currently at node 9 with load 5
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 19
 Path is currently at node 10 with load 6
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 22
 Path is currently at node 2 with load 8
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 21
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 20
 Path is currently
 Dual variables are [6.0, -1.0, 9.0, 4.0, 3.0, 8.0, 5.0, 3.0, 2.0, -1.0, -0.0]
 at node 4 with load 6
 Path is currently at node 10 with load 6

PRICER_C: Found path with load 19
Path is currently at node 8 with load 5
Path is currently at node 10 with load 6
PRICER_C: Found path with load 18
Path is currently at node 8 with load 5
Path is currently at node 10 with load 6
PRICER_C: Found path with load 19
Path is currently at node 2 with load 8
Path is currently at node 10 with load 6
PRICER_C: Found path with load 30
Path is currently at node 3 with load 7
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PRICER_C: Found path with load 29
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PRICER_C: Found path with load 28
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PRICER_C: Found path with load 25
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PRICER_C: Found path with load 28
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PRICER_C: Found path with load 28
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PRICER_C: Found path with load 29
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PRICER_C: Found path with load 29
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PRICER_C: Found path with load 28
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 26
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6

Path is currently at node 3 with load 7
PRICER_C: Found path with load 26
Path is currently at node 6 with load 5
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PRICER_C: Found path with load 26
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PRICER_C: Found path with load 26
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PRICER_C: Found path with load 27
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PRICER_C: Found path with load 27
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PRICER_C: Found path with load 26
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PRICER_C: Found path with load 27
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PRICER_C: Found path with load 26
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PRICER_C: Found path with load 27
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PRICER_C: Found path with load 25
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PRICER_C: Found path with load 25
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PRICER_C: Found path with load 26
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PRICER_C: Found path with load 25
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PRICER_C: Found path with load 30
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PRICER_C: Found path with load 28
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Path is currently at node 10 with load 6
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PRICER_C: Found path with load 30
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PRICER_C: Found path with load 30
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PRICER_C: Found path with load 30
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PRICER_C: Found path with load 30
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 PRICER_C: Found path with load 30
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 PRICER_C: Found path with load 30
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 PRICER_C: Found path with load 30
 Path is currently at node 8 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 8 with load 5
 Path is currently at node 10 with load 6
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 15
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 13
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 13
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 14
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 23
 Path is currently at node 2 with load 8
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 20
 Path is currently at node 8 with load 5
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 20
 Path is currently at node 9 with load 5
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 21
 Path is currently at node 10 with load 6
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 PRICER_C: Found path with load 21
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 21
 Path is currently at node 2 with load 8
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 18
 Path is currently at node 9 with load 5
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 18

Path is currently at node 8 with load 5
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 30
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 PRICER_C: Found path with load 28
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 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 28
 Path is currently at node 8 with load 5
 Path is currently at node 2 with load 8
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 28
 Path is currently at node 9 with
 Labelling found path (0, 6, 4, 6, 9, 7, 8, 11) with negative reduced cost
 Added (0, 6, 4, 6, 9, 7, 8, 11) with path weight 25
 There are 1 occurrences of node 4
 There are 2 occurrences of node 6
 There are 1 occurrences of node 7
 There are 1 occurrences of node 8
 There are 1 occurrences of node 9
 Dual variables are [5.904761904761905, -0.0952380952380949, 9.0,
 5.428571428571429, 2.047619047619048, 5.190476190476191, 3.904761904761905,
 3.7142857142857144, 1.5714285714285703, 0.04761904761904745, -0.0]
 h load 5
 Path is currently at node 2 with load 8
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 29
 Path is currently at node 10 with load 6
 Path is currently at node 2 with load 8
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 25
 Path is currently at node 5 with load 5
 Path is currently at node 9 with load 5
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 25
 Path is currently at node 8 with load 5
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 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 28
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Path is currently at node 3 with load 7
PRICER_C: Found path with load 26
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PRICER_C: Found path with load 26
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PRICER_C: Found path with load 26
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Path is currently at node 2 with load 8
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PRICER_C: Found path with load 25
Path is currently at node 3 with load 7
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PRICER_C: Found path with load 23
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PRICER_C: Found path with load 23
Path is currently at node 8 with load 5
Path is currently at node 9 with load 5
Path is currently at node 5 with load 5
PRICER_C: Capacity is 30
PRICER_C: Found path with load 15
Path is currently at node 3 with load 7
PRICER_C: Found path with load 13
Path is currently at node 9 with load 5
PRICER_C: Found path with load 14
Path is currently at node 10 with load 6
PRICER_C: Found path with load 13
Path is currently at node 10 with load 6
PRICER_C: Found path with load 23
Path is currently at node 8 with load 5
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PRICER_C: Found path with load 23
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 23
Path is currently at node 2 with load 8
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PRICER_C: Found path with load 20
Path is currently at node 8 with load 5
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PRICER_C: Found path with load 20
Path is currently at node 9 with load 5

Path is currently at node 3 with load 7
PRICER_C: Found path with load 21
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PRICER_C: Found path with load 19
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Path is currently at node 4 with load 6
PRICER_C: Found path with load 18
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Path is currently at node 10 with load 6
PRICER_C: Found path with load 28
Path is currently at node 6 with load 5
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PRICER_C: Found path with load 28
Path is currently at node 8 with load 5
Path is currently at node 9 with load 5
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PRICER_C: Found path with load 30
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PRICER_C: Found path with load 30
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PRICER_C: Found path with load 26
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PRICER_C: Found path with load 30
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PRICER_C: Found path with load 25
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PRICER_C: Found path with load 27
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PRICER_C: Found path with load 26
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PRICER_C: Capacity is 30
PRICER_C: Found path with load 15
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PRICER_C: Found path with load 13
Path is currently at node 9 with load 5
PRICER_C: Found path with load 14
Path is currently at node 10 with load 6
PRICER_C: Found path with load 13
Path is currently at node 10 with load 6
PRICER_C: Found path with load 23
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PRICER_C: Found path with load 23
Path is currently at node 9 with load 5
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PRICER_C: Found path with load 23
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PRICER_C: Found path with load 20

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 Path is currently at node 8 with load 5
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 19
 Path is currently at node 9 with load 5
 Path is currently at node 10 with [0 6 4 6 4 6 7 11 0 0 0 0 0 0 0
 0 0 0 0 0 0 0 0 0
 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]
 Labelling found path (0, 6, 4, 6, 4, 6, 7, 11) with negative reduced cost
 Added (0, 6, 4, 6, 4, 6, 7, 11) with path weight 30
 There are 2 occurrences of node 4
 There are 3 occurrences of node 6
 There are 1 occurrences of node 7
 Dual variables are [5.9642857142857135, -0.2857142857142857, 9.0,
 5.535714285714286, 1.892857142857143, 5.071428571428572, 3.7142857142857144,
 3.642857142857143, 1.9642857142857144, 0.14285714285714285, -0.0]
 load 6
 PRICER_C: Found path with load 28
 Path is currently at node 6 with load 5
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 28
 Path is currently at node 8 with load 5
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 30
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10

Path is currently at node 3 with load 7
PRICER_C: Found path with load 30
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
Path is currently at node 3 with load 7
PRICER_C: Found path with load 30
Path is currently at node 3 with load 7
Path is currently at node 2 with load 8
Path is currently at node 3 with load 7
PRICER_C: Found path with load 28
Path is currently at node 5 with load 5
Path is currently at node 2 with load 8
Path is currently at node 3 with load 7
PRICER_C: Found path with load 28
Path is currently at node 6 with load 5
Path is currently at node 2 with load 8
Path is currently at node 3 with load 7
PRICER_C: Found path with load 28
Path is currently at node 8 with load 5
Path is currently at node 2 with load 8
Path is currently at node 3 with load 7
PRICER_C: Found path with load 28
Path is currently at node 9 with load 5
Path is currently at node 2 with load 8
Path is currently at node 3 with load 7
PRICER_C: Found path with load 29
Path is currently at node 10 with load 6
Path is currently at node 2 with load 8
Path is currently at node 3 with load 7
PRICER_C: Found path with load 26
Path is currently at node 9 with load 5
Path is currently at node 4 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 30
Path is currently at node 1 with load 10
Path is currently at node 9 with load 5
Path is currently at node 3 with load 7
PRICER_C: Found path with load 25
Path is currently at node 6 with load 5
Path is currently at node 9 with load 5
Path is currently at node 3 with load 7
PRICER_C: Found path with load 25
Path is currently at node 8 with load 5
Path is currently at node 9 with load 5
Path is currently at node 3 with load 7
PRICER_C: Found path with load 29
Path is currently at node 2 with load 8
Path is currently at node 10 with load 6

Path is currently at node 3 with load 7
PRICER_C: Found path with load 28
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 27
Path is currently at node 4 with load 6
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 26
Path is currently at node 6 with load 5
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 26
Path is currently at node 8 with load 5
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 26
Path is currently at node 9 with load 5
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 24
Path is currently at node 9 with load 5
Path is currently at node 4 with load 6
Path is currently at node 9 with load 5
PRICER_C: Found path with load 27
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Capacity is 30
PRICER_C: Found path with load 15
Path is currently at node 3 with load 7
PRICER_C: Found path with load 13
Path is currently at node 8 with load 5
PRICER_C: Found path with load 13
Path is currently at node 9 with load 5
PRICER_C: Found path with load 23
Path is currently at node 2 with load 8
Path is currently at node 3 with load 7
PRICER_C: Found path with load 20
Path is currently at node 8 with load 5
Path is currently at node 3 with load 7
PRICER_C: Found path with load 20
Path is currently at node 9 with load 5
Path is currently at node 3 with load 7
PRICER_C: Found path with load 21
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7

PRICER_C: Found path with load 19
Path is currently at node 8 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 19
Path is currently at node 9 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 15
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 18
Path is currently at node 9 with load 5
Path is currently at node 8 with load 5
PRICER_C: Found path with load 18
Path is currently at node 9 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 16
Path is currently at node 9 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 30
Path is currently at node 3 with load 7
Path is currently at node 2 with load 8
Path is currently at node 3 with load 7
PRICER_C: Found path with load 29
Path is currently at node 4 with load 6
Path is currently at node 2 with load 8
Path is currently at node 3 with load 7
PRICER_C: Found path with load 28
Path is currently at node 8 with load 5
Path is currently at node 2 with load 8
Path is currently at node 3 with load 7
PRICER_C: Found path with load 28
Path is currently at node 9 with load 5
Path is currently at node 2 with load 8
Path is currently at node 3 with load 7
PRICER_C: Found path with load 28
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 26
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 26
Path is currently at node 8 with load 5
Path is currently at node 4 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 26
Path is currently at node 9 with load 5

Path is currently at node 4 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 25
Path is currently at node 8 with load 5
Path is currently at node 9 with load 5
Path is currently at node 3 with load 7
PRICER_C: Found path with load 28
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 25
Path is currently at node 4 with load 6
Path is currently at node 9 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 24
Path is currently at node 8 with load 5
Path is currently at node 9 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 24
Path is currently at node 9 with load 5
Path is currently at node 4 with load 6
Path is currently at node 9 with load 5
PRICER_C: Found path with load 28
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 4 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 30
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
Path is currently at node 9 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 30
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 9 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 30
Path is currently at node 8 with load 5
Path is currently at node 4 with load 6
Path is currently at node 9 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 30
Path is currently at node 9 with load 5
Path is currently at node 4 with load 6
Path is currently at node 9 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 30

Path is currently at node 4 with load 6
 Path is currently at node 9 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 9 with load 5
 PRICER_C: Capacity is 30
 PRICER_C: [0 6 4 6 4 6 7 11 0 0 0 0 0 0 0 0 0 0 0 0 0 0
 0
 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]Found path with load 15
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 13
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 23
 Path is currently at node 2 with load 8
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 20
 Path is currently at node 8 with load 5
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 20
 Path is currently at node 9 with load 5
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 21
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 19
 Path is currently at node 8 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 19
 Path is currently at node 9 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 15
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 18
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 18
 Path is currently at node 9 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 16
 Path is currently at node 9 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 30
 Path is currently at node 3 with load 7
 Path is currently at node 2 with load 8
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 28
 Path is currently at node 8 with load 5

Path is currently at node 2 with load 8
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 28
 Path is currently at node 9 with load 5
 Path is currently at node 2 with load 8
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 28
 Path is currently at node 3 with load 7
 Path is currently at node 4 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 26
 Path is currently at node 6 with load 5
 Path is currently at node 4 with labelling found path (0, 6, 4, 6, 4, 6, 7, 11)
 with negative reduced cost load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 26
 Path is currently at node 8 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 26
 Path is currently at node 9 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 25
 Path is currently at node 9 with load 5
 Path is currently at node 8 with load 5
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 28
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 26
 Path is currently at node 8 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 24
 Path is currently at node 8 with load 5
 Path is currently at node 9 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 24
 Path is currently at node 9 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 24
 Path is currently at node 9 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 30

Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 9 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 30
Path is currently at node 8 with load 5
Path is currently at node 4 with load 6
Path is currently at node 9 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 30
Path is currently at node 9 with load 5
Path is currently at node 4 with load 6
Path is currently at node 9 with load 5
Path is currently at node 4 with load 6
PRICER_C: Capacity is 30
PRICER_C: Found path with load 15
Path is currently at node 3 with load 7
PRICER_C: Found path with load 13
Path is currently at node 8 with load 5
PRICER_C: Found path with load 20
Path is currently at node 6 with load 5
Path is currently at node 3 with load 7
PRICER_C: Found path with load 20
Path is currently at node 8 with load 5
Path is currently at node 3 with load 7
PRICER_C: Found path with load 20
Path is currently at node 9 with load 5
Path is currently at node 3 with load 7
PRICER_C: Found path with load 21
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 18
Path is currently at node 9 with load 5
Path is currently at node 6 with load 5
PRICER_C: Found path with load 15
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 18
Path is currently at node 9 with load 5
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 3 with load 7
Path is currently at node 2 with load 8
Path is currently at node 3 with load 7
PRICER_C: Found path with load 28
Path is currently at node 6 with load 5
Path is currently at node 2 with load 8
Path is currently at node 3 with load 7

PRICER_C: Found path with load 28
 Path is currently at node 8 with load 5
 Path is currently at node 2 with load 8
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 28
 Path is currently at node 9 with load 5
 Path is currently at node 2 with load 8
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 26
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 26
 Path is currently at node 9 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 25
 Path is currently at node 9 with load 5
 Path is currently at node 6 with load 5
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 25
 Path is currently at node 6 with load 5
 Path is currently at node 9 with load 5
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 28
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 26
 Path is currently at node 6 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 26
 Path is currently at node 8 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 23
 Path is currently at node 6 with load 5
 Path is currently at node 9 with load 5
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 30
 Path is currently at node 6 with load 5

Path is currently at node 9 with load 5
 PathPath already in variables with reduced cost -0.0 with farkas False.
 Dual variables are [1.0, 6.0, 4.0, 7.0, -7.0, 5.0, -0.0, 7.0, 1.0, -6.0, -0.0]
 is currently at node 6 with load 5
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 30
 Path is currently at node 9 with load 5
 Path is currently at node 6 with load 5
 Path is currently at node 9 with load 5
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 28
 Path is currently at node 9 with load 5
 Path is currently at node 6 with load 5
 Path is currently at node 9 with load 5
 Path is currently at node 8 with load 5
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 15
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 20
 Path is currently at node 8 with load 5
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 20
 Path is currently at node 9 with load 5
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 21
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 18
 Path is currently at node 9 with load 5
 Path is currently at [0 6 4 6 4 9 11 0 0 0 0 0 0 0 0 0 0 0 0 0
 0 0 0 0
 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]
 Labelling found path (0, 6, 4, 6, 4, 9, 11) with negative reduced cost
 Added (0, 6, 4, 6, 4, 9, 11) with path weight 19
 There are 2 occurrences of node 4
 There are 2 occurrences of node 6
 There are 1 occurrences of node 9
 Dual variables are [-2.7058823529411757, 5.294117647058823, 2.617647058823529,
 3.1764705882352935, -1.323529411764706, 3.7352941176470593, -1.382352941176471,
 8.617647058823529, 5.176470588235295, -1.2647058823529402, -0.0]
 [0 2 5 4 6 9 11 0 0 0 0 0 0 0 0 0 0 0 0 0 0
 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0] node 8 with load 5
 PRICER_C: Found path with load 20
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 18
 Path is currently at node 8 with load 5
 Path is currently at node 10 with load 6

PRICER_C: Found path with load 30
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 30
 Path is currently at node 3 with load 7
 Path is currently at node 2 with load 8
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 28
 Path is currently at node 8 with load 5
 Path is currently at node 2 with load 8
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 26
 Path is currently at node 9 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 25
 Path is currently at node 9 with load 5
 Path is currently at node 8 with load 5
 Path is currently a
 Labelling found path (0, 2, 5, 4, 6, 9, 11) with negative reduced cost
 Added (0, 2, 5, 4, 6, 9, 11) with path weight 12
 There are 1 occurrences of node 2
 There are 1 occurrences of node 4
 There are 1 occurrences of node 5
 t node 3 with load 7
 PRICER_C: Found path with load 28
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 26
 Path is currently at node 8 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 25
 Path is currently at node 8 with load 5
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 26
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 23
 Path is currently at node 9 with load 5
 Path is currently at node 8 with load 5
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 30
 Path is currently at node 9 with load 5

Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 Path is currently at node 3 with load 7
 PRICER_C: There are 1 occurrences of node 6
 There are 1 occurrences of node 9
 Dual variables are [-2.7058823529411757, 5.294117647058823, 2.617647058823529,
 3.1764705882352935, -5.382352941176471, 3.7352941176470593, -1.382352941176471,
 8.617647058823529, 5.176470588235295, -1.2647058823529402, -0.0]
 Capacity is 30
 PRICER_C: Found path with load 15
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 20
 Path is currently at node 8 with load 5
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 21
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 20
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 18
 Path is currently at node 8 with load 5
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 26
 Path is currently at node 9 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 25
 Path is currently at node 9 with load 5
 Path is currently at node 8 with load 5
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 28
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 3 [0 2 7 9 4 6 11 0 0 0 0 0 0 0 0 0
 0 0 0 0 0 0 0
 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]
 Labelling found path (0, 2, 7, 9, 4, 6, 11) with negative reduced cost
 Added (0, 2, 7, 9, 4, 6, 11) with path weight 15 with load 7
 PRICER_C: Found path with load 26
 Path is currently at node 8 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 24
 Path is currently at node 9 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 25

Path is currently at node 8 with load 5
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 25
 Path is currently at node 9 with load 5
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 26
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 24
 Path is currently at node 9 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 23
 Path is currently at nod
 There are 1 occurrences of node 2
 There are 1 occurrences of node 4
 There are 1 occurrences of node 6
 There are 1 occurrences of node 7
 There are 1 occurrences of node 9
 Dual variables are [-2.4117647058823524, 4.588235294117648, 4.235294117647058,
 3.352941176470589, -4.764705882352941, 3.4705882352941173, -1.7647058823529402,
 9.235294117647058, 5.352941176470587, -1.5294117647058822, -0.0]
 e 9 with load 5
 Path is currently at node 8 with load 5
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 21
 Path is currently at node 9 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 9 with load 5
 Path is currently at node 8 with load 5
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 15
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 21
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 20
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 18
 Path is currently at node 8 with load 5

Path is currently at node 10 with load 6
 PRICER_C: Found path with load 30
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 6
 0 6 4 6 4 6 11 0 0 0 0 0 0 0
 0 0 0 0 0 0 0 0 0 0 0 0 0 0
 0 0 0 0 0 0 0 0 0 0 0 0 0 0
 Labelling found path (0, 6, 4, 6, 4, 6, 11) with negative reduced cost
 Path already in variables with reduced cost -0.117647058823529 with farkas
 False.
 Dual variables are [-2.7058823529411766, 5.294117647058824, 2.617647058823528,
 3.1764705882352944, -5.382352941176471, 3.735294117647059, -1.3823529411764701,
 8.617647058823529, 5.1764705882352935, -1.2647058823529411, -0.0]
 [0 2 7 9 4 6 11 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
 0]
 d 10
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 26
 Path is currently at node 9 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 28
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 26
 Path is currently at node 8 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 24
 Path is currently at node 9 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 26
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 23
 Path is currently at node 9 with load 5
 Path is currently at node 8 with load 5
 Path is currently at node 10 with load 6
 PRICER_C: Found path with Labelling found path (0, 2, 7, 9, 4, 6, 11) with
 negative reduced cost
 Path already in variables with reduced cost -1.0 with farkas False.
 Farkas Values are [0.0, 0.0, 0.0, 0.0, 0.0, -1.0, 0.0, 0.0, 0.0, 0.0, 0.0]
 There are no paths with negative reduced costs
 Dual variables are [1.0, 6.0, 4.0, 7.0, -7.0, 5.0, -0.0, 7.0, 1.0, -6.0, -0.0]
 load 25
 Path is currently at node 8 with load 5

Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 10 with load 6
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 15
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 21
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 20
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 30
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 26
 Path is currently at node 9 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 28
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 26
 Path is currently at node 8 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 24
 Path is currently at node 9 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 26
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 23
 Path is currently at node 9 with load 5
 Path is currently at node 8 with load 5
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 29
 Path is currently at node 9 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 9 with load 5
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 25
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2

Path is currently at node 8 with load 5
 Path is currently at node 10 with load 6
 PRICER_C: Capacity is 30
 PRICER_C: There are no paths with negative reduced costs
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 15
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 13
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 13
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 20
 Path is currently at node 8 with load 5
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 20
 Path is currently at node 9 with load 5
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 21
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 15
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 18
 Path is currently at node 9 with load 5
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 3 with load 7
 Path is currently at node 2 with load 8
 Path is current[0 6 4 6 4 9 11 0 0 0 0 0 0 0 0 0 0 0 0 0
 0 0 0
 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]ly at node 3 with load 7
 PRICER_C: Found path with load 28
 Path is currently at node 8 with load 5
 Path is currently at node 2 with load 8
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 28
 Path is currently at node 9 with load 5
 Path is currently at node 2 with load 8
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 26
 Path is currently at node 9 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 25
 Path is currently at node 9 with load 5
 Path is currently at node 8 with load 5
 Path is currently at node 3 with load 7

PRICER_C: Found path with load 28
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 26
 Path is currently at node 8 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 30
 Path is current
 Labelling found path (0, 6, 4, 6, 4, 9, 11) with negative reduced cost
 Path already in variables with reduced cost -6.0 with farkas False.
 Dual variables are [4.0, 10.0, 9.0, -9.5, 12.0, 9.0, -20.0, 13.0, -18.0, -8.0, -0.0]
 ly at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 Path is currently at node 3 with load 7
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 17
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 15
 Path is currently at node 6 with load 5
 PRICER_C: Found path with load 15
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 27
 Path is currently at node 1 with load 10
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 22
 Path is currently at node 6 with load 5
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 23
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 25
 Path is currently at node 1 with load 10
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 20
 Path is currently at node 6 with load 5
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 20
 Path is currently at node 9 with load 5
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 20
 Path is currently at node 9 with load 5
 Path is currently at node 6 with load 5
 PRICER_C: Found path with load 25
 Path is currently at node 3 with load 7

Path is currently at node 1 with load 10
 PRICER_C: Found path with load 23
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 24
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 22
 Path is currently at node 5 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 22
 Path is currently at node 6 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 22
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 22
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 20
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 18
 Path is currently at node 6 with load 5
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 20
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 20
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 20
 Path is currently at node 6 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 20
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
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 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 29
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 30
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7

PRICER_C: Found path with load 28
 Path is currently at node 6 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 30
 Path is currently at node 5 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 6 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 8 with load 5
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 PRICER_C: Found path with load 30
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 PRICER_C: Found path with load 28
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 Path is currently at node 5 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 27
 Path is currently at node 5 with load 5
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PRICER_C: Found path with load 27
 Path is currently at node 9 with load 5
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 PRICER_C: Found path with load 30
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 Path is currently at node 3 with load 7
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 PRICER_C: Found path with load 26
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Capacity is 30
 PRICER_C: There are no paths with negative reduced costs
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 17
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 15
 Path is currently at node 6 with load 5
 PRICER_C: Found path with load 15
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 15
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 17
 Path is currently at node 1 with load 10
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 PRICER_C: Found path with load 26
 Path is currently at node 1 with load 10
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 21
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 21
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 25
 Path is currently at node 1 with load 10
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 20
 Path is currently at node 6 with load 5

Path is currently at node 5 with load 5
PRICER_C: Found path with load 25
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 25
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
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PRICER_C: Found path with load 23
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PRICER_C: Found path with load 23
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PRICER_C: Found path with load 24
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PRICER_C: Found path with load 22
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PRICER_C: Found path with load 22
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PRICER_C: Found path with load 22
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PRICER_C: Found path with load 20
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PRICER_C: Found path with load 22
Path is currently at node 3 with load 7
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PRICER_C: Found path with load 20
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PRICER_C: Found path with load 20
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 20
Path is currently at node 9 with load 5
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PRICER_C: Found path with load 29
Path is currently at node 7 with load 2

Path is currently at node 1 with load 10
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 30
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 28
 Path is currently at node 6 with load 5
 Path is currently at node 10 with load 6
 Path is current[0 5 2 5 6 10 11 0 0 0 0 0 0 0 0 0 0 0 0 0
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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]ly at node 3 with load 7
 PRICER_C: Found path with load 30
 Path is currently at node 5 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 30
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 PRICER_C: Found path with load 30
 Path is currently at node 9 with load 5
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 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 26
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 26
 Path is curr
 Labelling found path (0, 5, 2, 5, 6, 10, 11) with negative reduced cost
 Added (0, 5, 2, 5, 6, 10, 11) with path weight 17
 There are 1 occurences of node 2
 There are 2 occurences of node 5
 There are 1 occurences of node 6
 There are 1 occurences of node 10
 Dual variables are [1.5, 10.0, 9.0, -5.0, 7.5, 9.0, -15.5, 13.0, -13.5, -17.0,
 -0.0]
 ently at node 6 with load 5
 Path is currently at node 4 with load 6

Path is currently at node 5 with load 5
PRICER_C: Found path with load 30
Path is currently at node 5 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 6 with load 5
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PRICER_C: Found path with load 27
Path is currently at node 7 with load 2
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PRICER_C: Found path with load 30
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Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
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PRICER_C: Found path with load 28
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PRICER_C: Found path with load 28
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PRICER_C: Found path with load 30
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PRICER_C: Found path with load 28
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PRICER_C: Found path with load 27
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PRICER_C: Found path with load 27
Path is currently at node 9 with load 5
Path is currently at node 5 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 30
Path is currently at node 1 with load 10
Path is currently at node 3 with load 7

Path is currently at node 10 with load 6
PRICER_C: Found path with load 26
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 28
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Capacity is 30
PRICER_C: Found path with load 17
Path is currently at node 3 with load 7
PRICER_C: Found path with load 23
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 24
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 22
Path is currently at node 8 with load 5
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PRICER_C: Found path with load 22
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PRICER_C: Found path with load 20
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 28
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Path is currently at node 3 with load 7
PRICER_C: Found path with load 30
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 28
Path is currently at node 6 with load 5
Path is currently at node 10 with load 6
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PRICER_C: Found path with load 30
Path is currently at node 6 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30

Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 10 with load 6
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Path is currently at node 1 with load 10
PRICER_C: Found path with load 28
Path is currently at node 6 with load 5
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PRICER_C: Found path with load 27
Path is currently at node 6 with load 5
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 30
Path is currently at node 1 with load 10
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 25
Path is currently at node 6 with load 5
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 26
Path is currently at node 10 with load 6
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Path is currently at node 10 with load 6
PRICER_C: Found path with load 24
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 10 with load 6
PRICER_C: Found path with load 21
Path is currently at node 9 with load 5
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 29
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 29
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 29
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6

Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 29
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 27
 Path is currently at node 8 with load 5
 Path is currently at [0 2 5 6 5 9 11 0 0 0 0 0 0 0 0 0 0 0 0
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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]
 node 7 with load 2
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 27
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 27
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 27
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Capacity is 30
 PRICER_C: There are no paths with negative reduced costs
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 17
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 15
 Path is currently at node 6 with load 5
 PRICER_C: Found path with load 15
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 12
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 22
 Path is currently at node 6 with load 5
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 21
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 25

Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 24
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 22
Path is currently at node 6 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 22
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 18
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 20
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 16
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 22
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 20
Path is currently at node 6 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 20
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 18
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
PRICER_C: Found path with load 16
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 15
Path is currently at node 6 with load 5
Path is currently at node 5 with load 5
PRICER_C: Found path with load 30
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 26
Path is currently at node 9 with load 5
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 30
Path is currently at node 8 with load 5

Path is currently at node 1 with load 10
 Path is currently at node 6 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 6 with load 5
 PRICER_C: Found path with load 26
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 6 with load 5
 PRICER_C: Found path with load 26
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 6 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 27
 Path is currently at node 9 with load 5
 Path is currently at node 6 with load 5
 Labelling found path (0, 2, 5, 6, 5, 9, 11) with negative reduced cost
 Added (0, 2, 5, 6, 5, 9, 11) with path weight 17
 There are 1 occurrences of node 2
 There are 2 occurrences of node 5
 There are 1 occurrences of node 6
 There are 1 occurrences of node 9
 Dual variables are [1.5, 10.0, 9.0, -5.0, 7.5, 9.0, -15.5, 13.0, -17.0, -17.0, -0.0]

Path is currently at node 1 with load 10
 PRICER_C: Found path with load 28
 Path is currently at node 10 with load 6
 Path is currently at node 6 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 24
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
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 PRICER_C: Found path with load 23
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 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 30
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PRICER_C: Found path with load 21
Path is currently at node 9 with load 5
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PRICER_C: Found path with load 28
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Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 25
Path is currently at node 5 with load 5
Path is currently at node 6 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 25
Path is currently at node 9 with load 5
Path is currently at node 6 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 29
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
Path is currently at node 3 with load 7
PRICER_C: Found path with load 27
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 3 with load 7
PRICER_C: Found path with load 28
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
Path is currently at node 4 with load 6
PRICER_C: Found path with load 26
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 4 with load 6
PRICER_C: Found path with load 28
Path is currently at node 1 with load 10
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
PRICER_C: Found path with load 24
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
PRICER_C: Found path with load 26
Path is currently at node 1 with load 10
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 26

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Path is currently at node 1 with load 10
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 23
Path is currently at node 3 with load 7
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 22
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Fou[ 0 2 5 6 5 6 11 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]nd path with load 21
Path is currently at node 5 with load 5
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 21
Path is currently at node 9 with load 5
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 22
Path is currently at node 10 with load 6
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 28
Path is currently at node 7 with load 2
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
PRICER_C: Found path with load 29
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 29
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
Path is
Labelling found path (0, 2, 5, 6, 5, 6, 11) with negative reduced cost
Added (0, 2, 5, 6, 5, 6, 11) with path weight 17
There are 1 occurences of node 2
There are 2 occurences of node 5
There are 2 occurences of node 6
Dual variables are [-6.333333333333334, 10.0, 9.0, 2.250000000000001,
-0.6666666666666661, 4.166666666666666, -7.666666666666666, 13.0,
-4.333333333333334, -8.0, -0.0]

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currently at node 4 with load 6
 PRICER_C: Found path with load 27
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 27
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 30
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 Path is currently at node 3 with load 7
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 28
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 29
 Path is currently at node 3 with load 7
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 27
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 27
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 28
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 25
 Path is currently at node 7 with load 2
 Path is currently at node 3 with load 7
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 29
 Path is currently at node 10 with load 6

Path is currently at node 3 with load 7
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 29
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 27
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 27
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 24
Path is currently at node 7 with load 2
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 27
Path is currently at node 9 with load 5
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 28
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 26
Path is currently at node 6 with load 5
Path is currently at node 5 with load 5
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 23
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 23
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6


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PRICER_C: Found path with load 30
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 6 with load 5
Path is currently at node 5 with load 5
PRICER_C: Found path with load 29
Path is currently at node 7 with load 2
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 29
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 28
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Capacity is 30
PRICER_C: Found path with load 17
Path is currently at node 3 with load 7
PRICER_C: Found path with load 15
Path is currently at node 3 with load 7
PRICER_C: Found path with load 23
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 21
Path is currently at node 6 with load 5
Path is currently [ 0  2  3  2  8  7 11  0  0  0  0  0  0  0  0  0  0  0  0  0
0  0  0  0
    0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0]
Labelling found path (0, 2, 3, 2, 8, 7, 11) with negative reduced cost
Added (0, 2, 3, 2, 8, 7, 11) with path weight 29
There are 2 occurrences of node 2
There are 1 occurrences of node 3
There are 1 occurrences of node 7
There are 1 occurrences of node 8
Dual variables are [-1.0, 10.0, 9.0, 2.2500000000000001, -0.6666666666666661,
4.166666666666666, -13.0, 13.0, -4.3333333333333334, -8.0, -0.0]
at node 4 with load 6
PRICER_C: Found path with load 25
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10

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PRICER_C: Found path with load 24
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 22
Path is currently at node 6 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 22
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 18
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 20
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 16
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 18
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
PRICER_C: Found path with load 16
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 28
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 30
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 26
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
PRICER_C: Found path with load 26
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
PRICER_C: Found path with load 30
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5

PRICER_C: Found path with load 30
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 3 with load 7
PRICER_C: Found path with load 30
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
Path is currently at node 3 with load 7
PRICER_C: Found path with load 28
Path is currently at node 3 with load 7
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Path is currently at node 3 with load 7
PRICER_C: Found path with load 24
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
PRICER_C: Found path with load 30
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 28
Path is currently at node 5 with load 5
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Path is currently at node 1 with load 10
PRICER_C: Found path with load 28
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 1 with load 10
PRICER_C: Found path with load 30
Path is currently at node 1 with load 10
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 26
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 22
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
PRICER_C: Found path with load 26
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 4 with load 6
PRICER_C: Found path with load 26
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
Path is currently at node 4 with load 6

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PRICER_C: Found path with load 24
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
PRICER_C: Found path with load 21
Path is currently at node 9 with load 5
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 22
Path is currently at node 10 with load 6
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 30
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
PRICER_C: Found path with load 29
Path is currently at node 9 with load 5
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
PRICER_C: Found path with load 29
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 29
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6[ 0 2 5 4 6 11 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 29
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 29
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 29
Path is currently at node 9 with load 5
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5

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Path is currently at node 4 with load 6
 PRICER_C: Found path with load 27
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 27
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 5
 Labelling found path (0, 2, 5, 4, 6, 11) with negative reduced cost
 Added (0, 2, 5, 4, 6, 11) with path weight 8
 There are 1 occurrences of node 2
 There are 1 occurrences of node 4
 There are 1 occurrences of node 5
 There are 1 occurrences of node 6
 Dual variables are [-1.0, 10.0, 9.0, -5.0, -6.0, 9.0, -13.0, 13.0, -2.0, -8.0, -0.0]
 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 27
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 27
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 27
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 27
 Path is currently at node 9 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 29
 Path is currently at node 3 with load 7
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 27
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6

Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 27
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 27
Path is currently at node 9 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 29
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 27
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 27
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 27
Path is currently at node 9 with load 5
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 29
Path is currently at node 7 with load 2
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Capacity is 30
PRICER_C: Found path with load 17
Path is currently at node 3 with load 7
PRICER_C: Found path with load 15
Path is currently at node 3 with load 7
PRICER_C: Found path with load 23
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 21
Path is currently at node 6 with load 5

Path is currently at node 4 with load 6
 PRICER_C: Found path with load 25
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 24
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 22
 Path is currently at node 6 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 22
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 18
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 20
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 16
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 18
 Path is currently at node 3 with load 7
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 16
 Path is currently at node 6 with [0 2 3 8 6 9 11 0 0 0 0 0 0 0 0
 0 0 0 0 0 0 0 0 0 0
 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 28
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 30
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 26
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 26
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 6 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 8 with load 5

Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with
 Labelling found path (0, 2, 3, 8, 6, 9, 11) with negative reduced cost
 Added (0, 2, 3, 8, 6, 9, 11) with path weight 32
 There are 1 occurrences of node 2
 There are 1 occurrences of node 3
 There are 1 occurrences of node 6
 There are 1 occurrences of node 8
 There are 1 occurrences of node 9
 Dual variables are [-6.666666666666667, 10.0, 2.0, -5.0, -6.0, 9.0,
 -7.333333333333333, 13.0, -2.0, -8.0, -0.0]
 load 30
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 30
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 28
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 24
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 28
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 28
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 28
 Path is currently at node 9 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 1 with load 10


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PRICER_C: Found path with load 30
Path is currently at node 1 with load 10
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 26
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 22
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
PRICER_C: Found path with load 26
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 4 with load 6
PRICER_C: Found path with load 26
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
Path is currently at node 4 with load 6
PRICER_C: Found path with load 24
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
PRICER_C: Found path with load 21
Path is currently at node 9 with load 5
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 22
Path is currently at node 10 with load 6
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 29
Path is currently at node 9 with load 5
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
PRICER_C: Found path with load 29
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 29
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
Path[ 0  2  8  2  8  7 11  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
      0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0]

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Labelling found path (0, 2, 8, 2, 8, 7, 11) with negative reduced cost
 Added (0, 2, 8, 2, 8, 7, 11) with path weight 37
 There are 2 occurrences of node 2
 There are 1 occurrences of node 7
 There are 2 occurrences of node 8
 Dual variables are [-7.0, 9.0, 2.5, -5.0, -5.0, 9.0, -7.0, 13.0, -1.5, -7.5, -0.0]
 is currently at node 4 with load 6
 PRICER_C: Found path with load 29
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 29
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 29
 Path is currently at node 9 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 27
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 27
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 27
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 27
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 27
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6

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PRICER_C: Found path with load 27
Path is currently at node 9 with load 5
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 29
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 27
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 27
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 27
Path is currently at node 9 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 29
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 27
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 27
Path is currently a[ 0 2 8 6 9 11 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0
    0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]t node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 27
Path is currently at node 9 with load 5
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 29

```

Path is currently at node 7 with load 2
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 15
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 23
 Path is currently at node 6 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 23
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 19
 Path is currently at node 6 with load 5
 Path is currently at node 4
 Labelling found path (0, 2, 8, 6, 9, 11) with negative reduced cost
 Added (0, 2, 8, 6, 9, 11) with path weight 26
 with load 6
 PRICER_C: Found path with load 19
 Path is currently at node 8 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 15
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 16
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 30
 Path is currently at node 3 with load 7
 Path is currently at node 2 with load 8
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 29
 Path is currently at node 3 with load 7
 Path is currently at node 2 with load 8
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 25
 Path is currently at node 4 with load 6
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 24
 Path is currently at node 9 with load 5
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load
 There are 1 occurrences of node 2
 There are 1 occurrences of node 6
 There are 1 occurrences of node 8

There are 1 occurrences of node 9
Dual variables are [-7.2, 8.4, 6.0, -4.7000000000000001, -4.5000000000000001, 8.8, -6.8, 13.0, -4.2000000000000001, -7.2, -0.0]

26

Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
PRICER_C: Found path with load 24
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
PRICER_C: Found path with load 25
Path is currently at node 3 with load 7
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
PRICER_C: Found path with load 22
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 21
Path is currently at node 9 with load 5
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 30
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 30
Path is currently at node 8 with load 5
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 30
Path is currently at node 9 with load 5
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 30
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
PRICER_C: Found path with load 29
Path is currently at node 9 with load 5
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5

```

PRICER_C: Found path with load 30
Path is currently at node 2 with load 8
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 29
Path is currently at node 3 with load 7
Path is currently at n[ 0  2  8  6  8 11  0  0  0  0  0  0  0  0  0  0  0  0  0  0
0  0  0  0  0
    0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0]
Labelling found path (0, 2, 8, 6, 8, 11) with negative reduced cost
Added (0, 2, 8, 6, 8, 11) with path weight 33
There are 1 occurences of node 2
There are 1 occurences of node 6
There are 2 occurences of node 8
Dual variables are [-9.75, 0.75, 9.0, -0.875, 1.875, 6.25, -4.25, 13.0, 2.375,
-6.75, -0.0]
ode 4 with load 6
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 27
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 27
Path is currently at node 8 with load 5
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 27
Path is currently at node 9 with load 5
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Capacity is 30
PRICER_C: Found path with load 15
Path is currently at node 3 with load 7
PRICER_C: Found path with load 13
Path is currently at node 8 with load 5
PRICER_C: Found path with load 23
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 19
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 18
Path is currently at node 9 with load 5

```

Path is currently at node 5 with load 5
PRICER_C: Found path with load 15
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 15
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 24
Path is currently at node 9 with load 5
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 28
Path is currently at node 3 with load 7
Path is currently at node 2 with load 8
Path is currently at node 5 with load 5
PRICER_C: Found path with load 26
Path is currently at node 8 with load 5
Path is currently at node 2 with load 8
Path is currently at node 5 with load 5
PRICER_C: Found path with load 24
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
PRICER_C: Found path with load 24
Path is currently at node 9 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
PRICER_C: Found path with load 30
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 30
Path is currently at node 9 with load 5
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 28
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
Path is currently at node 5 with load 5
PRICER_C: Found path with load 29
Path is currently at node 9 with load 5
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
PRICER_C: Capacity is 30

```

PRICE[ 0  2  5  6  4  6 11  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
      0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0]
Labelling found path (0, 2, 5, 6, 4, 6, 11) with negative reduced cost
Added (0, 2, 5, 6, 4, 6, 11) with path weight 13
There are 1 occurences of node 2
There are 1 occurences of node 4
There are 1 occurences of node 5
There are 2 occurences of node 6
Dual variables are [-9.333333333333332, 2.0, 9.0, 1.0, -0.0, 5.0,
-4.666666666666667, 13.0, 3.0, -6.333333333333333, -0.0]
R_C: Found path with load 15
Path is currently at node 3 with load 7
PRICER_C: Found path with load 13
Path is currently at node 8 with load 5
PRICER_C: Found path with load 23
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 19
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 15
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 15
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 24
Path is currently at node 9 with load 5
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 24
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
PRICER_C: Found path with load 28
Path is currently at node 8 with load 5
Path is currently [ 0  2  3  8  9  6 11  0  0  0  0  0  0  0  0  0  0  0  0  0
0  0  0  0
      0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0]
Labelling found path (0, 2, 3, 8, 9, 6, 11) with negative reduced cost
Added (0, 2, 3, 8, 9, 6, 11) with path weight 30
at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6

```



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PRICER_C: Found path with load 30
Path is currently at node 9 with load 5
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 29
Path is currently at node 6 with load 5
Path is currently at node 9 with load 5
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 29
Path is currently at node 9 with load 5
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
PRICER_C: Found path with load 30
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
Path iThere are 1 occurences of node 2
There are 1 occurences of node 3
There are 1 occurences of node 6
There are 1 occurences of node 8
There are 1 occurences of node 9
Dual variables are [-10.0, -0.0, 9.0, 1.0, 2.0, 5.0, -4.0, 13.0, 3.0, -7.0,
-0.0]
[ 0  2  3  8  7  8 11  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0]
Labelling found path (0, 2, 3, 8, 7, 8, 11) with negative reduced cost
Added (0, 2, 3, 8, 7, 8, 11) with path weight 27
There are 1 occurences of node 2
There are 1 occurences of node 3
There are 1 occurences of node 7
There are 2 occurences of node 8
Dual variables are [-10.5, -1.5, 6.0, 1.0, 3.5, 5.0, -3.5, 13.0, 3.0, -4.5,
-0.0]
s currently at node 7 with load 2
PRICER_C: Found path with load 26
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
PRICER_C: Capacity is 30
PRICER_C: Found path with load 15
Path is currently at node 3 with load 7
PRICER_C: Found path with load 13
Path is currently at node 8 with load 5
PRICER_C: Found path with load 23

```

Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 15
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 30
 Path is currently at node 3 with load 7
 Path is currently at node 2 with load 8
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 28
 Path is currently at node 8 with load 5
 Path is currently at node 2 with load 8
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 28
 Path is currently at node 3 [0 8 7 8 7 8 7 8 11 0 0 0 0 0 0 0 0
 0 0 0 0 0 0 0
 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]
 Labelling found path (0, 8, 7, 8, 7, 8, 7, 8, 11) with negative reduced cost with
 load 7
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 26
 Path is currently at node 8 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 24
 Path is currently at node 9 with load 5
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 28
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 30
 Path is currently at node 9 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 29
 Path is currently at
 Added (0, 8, 7, 8, 7, 8, 7, 8, 11) with path weight 37
 There are 3 occurrences of node 7
 There are 4 occurrences of node 8

Dual variables are [-9.0, -1.5, 7.5, 1.0, 3.5, 5.0, -5.0, 13.0, 3.0, -4.5, -0.0]
[0 6 4 5 4 8 11 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0]

Labelling found path (0, 6, 4, 5, 4, 8, 11) with negative reduced cost
Added (0, 6, 4, 5, 4, 8, 11) with path weight 22
node 6 with load 5
Path is currently at node 9 with load 5
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 29
Path is currently at node 9 with load 5
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
PRICER_C: Found path with load 30
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 26
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 27
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Capacity is 30
PRICER_C: Found path with load 15
Path is currently at nodeThere are 2 occurrences of node 4
There are 1 occurrences of node 5
There are 1 occurrences of node 6
There are 1 occurrences of node 8
Dual variables are [-9.0, -0.0, 6.0, 1.0, 2.0, 5.0, -5.0, 13.0, 3.0, -3.0, -0.0]
3 with load 7
PRICER_C: Found path with load 13
Path is currently at node 8 with load 5
PRICER_C: Found path with load 23
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 19
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 15
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2

Path is currently at node 7 with load 2
 PRICER_C: Found path
 Labelling found path (0, 2, 5, 4, 6, 8, 11) with negative reduced cost
 Added (0, 2, 5, 4, 6, 8, 11) with path weight 19
 There are 1 occurrences of node 2
 There are 1 occurrences of node 4
 There are 1 occurrences of node 5
 There are 1 occurrences of node 6
 There are 1 occurrences of node 8
 Dual variables are [-9.0, -3.6666666666666666, 8.0, -0.6666666666666667, 4.222222222222222, 6.111111111111111, -5.0, 13.0, 4.333333333333333, -5.0, -0.0]
 with load 26
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Capacity is 30
 PRICER_C: There are no paths with negative reduced costs
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 15
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 23
 Path is currently at node 6 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 23
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 19
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 19
 Path is currently at node 8 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 15
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 16
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 30
 Path is currently at node 3 with load 7
 Path is currently at node 2 with load 8
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 29
 Path is currently at node 3 with load 7
 Path is currently at node 2 with load 8
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 25

Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 24
Path is currently at node 9 with load 5
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 26
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
PRICER_C: Found path with load 24
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
PRICER_C: Found path with load 25
Path is currently at node 3 with load 7
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
PRICER_C: Found path with load 22
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 21
Path is currently at node 9 with load 5
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 30
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 30
Path is currently at node 8 with load 5
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 30
Path is currently at node 9 with load 5
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 30
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
PRICER_C: Found path with load 29

Path is currently at node 9 with load 5
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
PRICER_C: Found path with load 30
Path is currently at node 2 with load 8
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 29
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 27
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 27
Path is currently at node 8 with load 5
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 27
Path is currently at node 9 with load 5
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Capacity is 30
PRICER_C: Found path with load 17
Path is currently at node 3 with load 7
PRICER_C: Found path with load 15
Path is currently at node 5 with load 5
PRICER_C: Found path with load 15
Path is currently at node 8 with load 5
PRICER_C: Found path with load 18
Path is currently at node 1 with load 10
PRICER_C: Found path with load 15
Path is currently at node 3 with load 7
PRICER_C: Found path with load 13
Path is currently at node 5 with load 5
PRICER_C: Found path with load 13
Path is currently at node 6 with load 5
PRICER_C: Found path with load 13
Path is currently at node 8 with load 5
PRICER_C: Found path with load 12
Path is currently at node 8 with load 5

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PRICER_C: Found path with load 13
Path is currently at node 2 with load 8
PRICER_C: Found path with load 12
Path is currently at node 3 with load 7
PRICER_C: Found path with load 10
Path is currently at node 6 with load 5
PRICER_C: Found path with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 10
Path is currently at node 5 with load 5
PRICER_C: Found path with load 23
Path is currently at node 2 with load 8
Path is currently at node 5 with load 5
PRICER_C: Found path with load 20
Path is currently at node 6 with load 5
Path is currently at node 5 with load 5
PRICER_C: Found path with load 25
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 26
Path is currently at node 2 with load 8
Path is currently at node 1 with load 10
PRICER_C: Found path with load 25
Path is currently at node 3 with load 7
Path is currently at node 1 with load 1[ 0 6 9 6 9 6 9 11 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0
    0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]0
PRICER_C: Found path with load 23
Path is currently at node 6 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 23
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 25
Path is currently at node 1 with load 10
Path is currently at node 3 with load 7
PRICER_C: Found path with load 23
Path is currently at node 2 with load 8
Path is currently at node 3 with load 7
PRICER_C: Found path with load 20
Path is currently at node 6 with load 5
Path is currently at node 3 with load 7
PRICER_C: Found path with load 20
Path is currently at node 8 with load 5
Path is currently at node 3 with load 7
PRICER_C: Found path with load 21
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7

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PRICER_C: Found path with load 23
 Path is currently at node 1 with load 10
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 21
 Path is currently at node 2 with load 8
 Path is
 Labelling found path (0, 6, 9, 6, 9, 6, 9, 11) with negative reduced cost
 Added (0, 6, 9, 6, 9, 6, 9, 11) with path weight 29
 currently at node 5 with load 5
 PRICER_C: Found path with load 20
 Path is currently at node 3 with load 7
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 18
 Path is currently at node 6 with load 5
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 18
 Path is currently at node 8 with load 5
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 19
 Path is currently at node 10 with load 6
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 18
 Path is currently at node 5 with load 5
 Path is currently at node 2 with load 8
 PRICER_C: Found path with load 20
 Path is currently at node 1 with load 10
 Path is currently at node 6 with load 5
 PRICER_C: Found path with load 20
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 18
 Path is currently at node 2 with load 8
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 15
 Path is currently There are 3 occurrences of node 6
 There are 3 occurrences of node 9
 Dual variables are [-9.0, -3.6666666666666664, 8.0, -0.6666666666666661,
 4.666666666666666, 5.666666666666666, -5.0, 13.0, 4.0, -5.0, -0.0]
 at node 6 with load 5
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 15
 Path is currently at node 8 with load 5
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 3 with load 7
 Path is currently at node 2 with load 8
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 28

Path is currently at node 5 with load 5
Path is currently at node 2 with load 8
Path is currently at node 5 with load 5
PRICER_C: Found path with load 29
Path is currently at node 10 with load 6
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 30
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 3 with load 7
PRICER_C: Found path with load 30
Path is currently at node 3 with load 7
Path is currently at node 2 with load 8
Path is currently at node 3 with load 7
PRICER_C: Found path with load 28
Path is currently at node 5 with load 5
Path is currently at node 2 with load 8
Path is currently at node 3 with load 7
PRICER_C: Found path with load 28
Path is currently at node 8 with load 5
Path is currently at node 2 with load 8
Path is currently at node 3 with load 7
PRICER_C: Found path with load 30
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
Path is currently at node 5 with load 5
PRICER_C: Found path with load 28
Path is currently at node 6 with load 5
Path is currently at node 1 with load 10
Path is currently at node 5 with load 5
PRICER_C: Found path with load 28
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 5 with load 5
PRICER_C: Found path with load 28
Path is currently at node 3 with load 7
Path is currently at node 2 with load 8
Path is currently at node 5 with load 5
PRICER_C: Found path with load 27
Path is currently at node 4 with load 6
Path is currently at node 2 with load 8
Path is currently at node 5 with load 5
PRICER_C: Found path with load 26
Path is currently at node 5 with load 5
Path is currently at node 2 with load 8
Path is currently at node 5 with load 5
PRICER_C: Found path with load 26

Path is currently at node 6 with load 5
 Path is currently at node 2 with load 8
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 26
 Path is currently at node 8 with load 5
 Path is currently at node 2 with load 8
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 27
 Path is currently at node 10 with load 6
 Path is currently at node 2 with load 8
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 26
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 28
 Path is currently at node 1 with load 10
 Path is currently at node 6 with load 5
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 25
 Path is c[0 6 5 6 5 6 9 11 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
 0
 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]
 Labelling found path (0, 6, 5, 6, 5, 6, 9, 11) with negative reduced cost
 Added (0, 6, 5, 6, 5, 6, 9, 11) with path weight 29
 There are 2 occurrences of node 5
 There are 3 occurrences of node 6
 There are 1 occurrences of node 9
 Dual variables are [-9.0, -3.3333333333333334, 8.0, -0.33333333333333339,
 4.1666666666666668, 5.5, -5.0, 13.0, 4.1666666666666666, -5.0, -0.0]
 urrently at node 3 with load 7
 Path is currently at node 6 with load 5
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 24
 Path is currently at node 4 with load 6
 Path is currently at node 6 with load 5
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 23
 Path is currently at node 5 with load 5
 Path is currently at node 6 with load 5
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 23
 Path is currently at node 8 with load 5
 Path is currently at node 6 with load 5
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 24
 Path is currently at node 10 with load 6
 Path is currently at node 6 with load 5

Path is currently at node 5 with load 5
PRICER_C: Found path with load 28
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
Path is currently at node 5 with load 5
PRICER_C: Found path with load 28
Path is currently at node 1 with load 10
Path is currently at node 5 with load 5
Path is currently at node 2 with load 8
PRICER_C: Found path with load 26
Path is currently at node 2 with load 8
Path is currently at node 5 with load 5
Path is currently at node 2 with load 8
PRICER_C: Found path with load 24
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
Path is currently at node 2 with load 8
PRICER_C: Found path with load 23
Path is currently at node 6 with load 5
Path is currently at node 5 with load 5
Path is currently at node 2 with load 8
PRICER_C: Found path with load 23
Path is currently at node 8 with load 5
Path is currently at node 5 with load 5
Path is currently at node 2 with load 8
PRICER_C: Found path with load 23
Path is currently at node 9 with load 5
Path is currently at node 5 with load 5
Path is currently at node 2 with load 8
PRICER_C: Found path with load 28
Path is currently at node 7 with load 2
Path is currently at node 5 with load 5
Path is currently at node 2 with load 8
Path is currently at node 5 with load 5
PRICER_C: Found path with load 29
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
Path is currently at node 6 with load 5
Path is currently at node 5 with load 5
PRICER_C: Found path with load 28
Path is currently at node 6 with load 5
Path is currently at node 5 with load 5
Path is currently at node 6 with load 5
Path is currently at node 5 with load 5
PRICER_C: Found path with load 28
Path is currently at node 8 with load 5
Path is currently at node 5 with load 5
Path is currently at node 6 with load 5

Path is currently at node 5 with load 5
 PRICER_C: Found path with load 28
 Path is currently at node 9 with load 5
 Path is currently at node 5 with load 5
 Path is currently at node 6 with load 5
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 29
 Path is currently at node 10 with load 6
 Path is currently at node 5 with load 5
 Path is currently at node 6 with load 5
 Path is currently at node 5 with load 5
 PRICER_C: Found path with 1[0 8 9 6 5 6 9 11 0 0 0 0 0 0 0 0
 0 0 0 0 0 0 0
 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]
 oad 28
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 Path is currently at node 5 with load 5
 Path is currently at node 2 with load 8
 PRICER_C: Found path with load 29
 Path is currently at node 10 with load 6
 Path is currently at node 6 with load 5
 Path is currently at node 5 with load 5
 Path is currently at node 2 with load 8
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 15
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 15
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 13
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 13
 Path is currently at node 6 with load 5
 PRICER_C: Found path with load 13
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 12
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 13
 Path is currently at node 2 with load 8
 PRICER_C: Found path with load 10
 Path is currently at node 6 with load 5
 PRICER_C: Found path Labelling found path (0, 8, 9, 6, 5, 6, 9, 11) with
 negative reduced cost
 Added (0, 8, 9, 6, 5, 6, 9, 11) with path weight 36
 There are 1 occurences of node 5
 There are 2 occurences of node 6
 There are 1 occurences of node 8
 There are 2 occurences of node 9

Dual variables are [-7.888888888888889, -2.999999999999999, 7.444444444444446,
1.3322676295501878e-15, 4.333333333333333, 5.333333333333333,
-4.111111111111111, 12.333333333333332, 4.333333333333334, -4.0, -0.0]

with load 10

Path is currently at node 8 with load 5

PRICER_C: Found path with load 12

Path is currently at node 3 with load 7

PRICER_C: Found path with load 10

Path is currently at node 5 with load 5

PRICER_C: Found path with load 10

Path is currently at node 8 with load 5

PRICER_C: Found path with load 26

Path is currently at node 2 with load 8

Path is currently at node 1 with load 10

PRICER_C: Found path with load 23

Path is currently at node 6 with load 5

Path is currently at node 1 with load 10

PRICER_C: Found path with load 23

Path is currently at node 8 with load 5

Path is currently at node 1 with load 10

PRICER_C: Found path with load 25

Path is currently at node 1 with load 10

Path is currently at node 3 with load 7

PRICER_C: Found path with load 23

Path is currently at node 2 with load 8

Path is currently at node 3 with load 7

PRICER_C: Found path with load 20

Path is currently at node 6 with load 5

Path is currently at node 3 with load 7

PRICER_C: Found path with load 20

Path is currently at node 8 with load 5

Path is currently at node 3 with load 7

PRICER_C: Found path with load 23

Path is currently at node 1 with load 10

Path is currently at node 5 with load 5

PRICER_C: Found path with load 21

Path is currently at node 2 with load 8

Path is currently at node 5 with load 5

PRICER_C: Found path with load 20

Path is currently at node 3 with load 7

Path is currently at node 5 with load 5

PRICER_C: Found path with load 18

Path is currently at node 6 with load 5

Path is currently at node 5 with load 5

PRICER_C: Found path with load 18

Path is currently at node 8 with load 5

Path is currently at node 5 with load 5

PRICER_C: Found path with load 18

load 5
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 28
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 26
 Path is currently at node 2 with load 8
 Path is currently at node 5 with load 5
 Path is currently at node 2 with load 8
 PRICER_C: Found path with load 23
 Path is currently at node 6 with load 5
 Path is currently at node 5 with load 5
 Path is currently at node 2 with load 8
 PRICER_C: Found path with load 28
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 2 with load 8
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 29
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 Path is currently at node 6 with load 5
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 28
 Path is currently at node 6 with load 5

 Labelling found path (0, 8, 4, 6, 4, 9, 11) with negative reduced cost
 Added (0, 8, 4, 6, 4, 9, 11) with path weight 28
 There are 2 occurrences of node 4
 There are 1 occurrences of node 6
 There are 1 occurrences of node 8
 There are 1 occurrences of node 9
 Dual variables are [-8.962962962962962, 3.1111111111111125, 2.9259259259259247, 5.111111111111111, -2.6666666666666666, 0.4444444444444444, -5.037037037037037, 13.0, 4.333333333333333, -5.0, -0.0]
 Path is currently at node 5 with load 5
 Path is currently at node 6 with load 5
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 28
 Path is currently at node 9 with load 5
 Path is currently at node 5 with load 5
 Path is currently at node 6 with load 5
 Path is currently at node 5 with load 5
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 15
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 15

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Path is currently at node 3 with load 7
PRICER_C: Found path with load 13
Path is currently at node 5 with load 5
PRICER_C: Found path with load 13
Path is currently at node 6 with load 5
PRICER_C: Found path with load 13
Path is currently at node 8 with load 5
PRICER_C: Found path with load 12
Path is currently at node 8 with load 5
PRICER_C: Found path with load 13
Path is currently at node 2 with load 8
PRICER_C: Found path with load 10
Path is currently at node 6 with load 5
PRICER_C: Found path with load 10
Path is currently at node 8 with lo[ 0  2  8  9  8  9 11  0  0  0  0  0  0  0  0
0  0  0  0  0  0  0  0  0  0
    0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0]
Labelling found path (0, 2, 8, 9, 8, 9, 11) with negative reduced cost
Added (0, 2, 8, 9, 8, 9, 11) with path weight 36
ad 5
PRICER_C: Found path with load 12
Path is currently at node 3 with load 7
PRICER_C: Found path with load 10
Path is currently at node 5 with load 5
PRICER_C: Found path with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 26
Path is currently at node 2 with load 8
Path is currently at node 1 with load 10
PRICER_C: Found path with load 23
Path is currently at node 6 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 23
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 25
Path is currently at node 1 with load 10
Path is currently at node 3 with load 7
PRICER_C: Found path with load 23
Path is currently at node 2 with load 8
Path is currently at node 3 with load 7
PRICER_C: Found path with load 20
Path is currently at node 6 with load 5
Path is currently at node 3 with load 7
PRICER_C: Found path with load 20
Path is currently at node 8 with load 5
Path is curThere are 1 occurences of node 2
There are 2 occurences of node 8

```

There are 2 occurrences of node 9
Dual variables are [-9.0, 1.3333333333333334, 4.6666666666666666, 6.0,
-1.6666666666666667, -1.3333333333333321, -5.0, 13.0, 4.333333333333333, -5.0,
-0.0]
rently at node 3 with load 7
PRICER_C: Found path with load 23
Path is currently at node 1 with load 10
Path is currently at node 5 with load 5
PRICER_C: Found path with load 21
Path is currently at node 2 with load 8
Path is currently at node 5 with load 5
PRICER_C: Found path with load 20
Path is currently at node 3 with load 7
Path is currently at node 5 with load 5
PRICER_C: Found path with load 18
Path is currently at node 6 with load 5
Path is currently at node 5 with load 5
PRICER_C: Found path with load 18
Path is currently at node 8 with load 5
Path is currently at node 5 with load 5
PRICER_C: Found path with load 18
Path is currently at node 5 with load 5
Path is currently at node 2 with load 8
PRICER_C: Found path with load 18
Path is currently at node 2 with load 8
Path is currently at node 5 with load 5
PRICER_C: Found path with load 15
Path is currently at node 6 with load 5
Path is currently at node 5 with load 5
PRICER_C: Found path with load 30
Path is currently at node 3 with load 7
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 30
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 3 with load 7
PRICER_C: Found path with load 30
Path is currently at node 3 with load 7
Path is currently at node 2 with load 8
Path is currently at node 3 with load 7
PRICER_C: Found path with load 28
Path is currently at node 5 with load 5
Path is currently at node 2 with load 8
Path is currently at node 3 with load 7
PRICER_C: Found path with load 28
Path is currently at node 6 with load 5
Path is currently at node 2 with load 8

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Path is currently at node 3 with load 7
PRICER_C: Found path with load 28
Path is currently at node 8 with load 5
Path is currently at node 2 with load 8
Path is currently at node 3 with load 7
PRICER_C: Found path with load 27
Path is currently at node 3 with load 7
Path is currently at node 6 with load 5
Path is currently [ 0 8 4 8 4 9 11 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]at node 3 with load 7
PRICER_C: Found path with load 25
Path is currently at node 5 with load 5
Path is currently at node 6 with load 5
Path is currently at node 3 with load 7
PRICER_C: Found path with load 30
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
Path is currently at node 3 with load 7
PRICER_C: Found path with load 28
Path is currently at node 3 with load 7
Path is currently at node 2 with load 8
Path is currently at node 5 with load 5
PRICER_C: Found path with load 27
Path is currently at node 4 with load 6
Path is currently at node 2 with load 8
Path is currently at node 5 with load 5
PRICER_C: Found path with load 26
Path is currently at node 5 with load 5
Path is currently at node 2 with load 8
Path is currently at node 5 with load 5
PRICER_C: Found path with load 26
Path is currently at node 6 with load 5
Path is currently at node 2 with load 8
Path is currently at node 5 with load 5
PRICER_C: Found path with load 26
Path is currently a
Labelling found path (0, 8, 4, 8, 4, 9, 11) with negative reduced cost
Added (0, 8, 4, 8, 4, 9, 11) with path weight 40
There are 2 occurrences of node 4
There are 2 occurrences of node 8
There are 1 occurrences of node 9
Dual variables are [-9.0, 1.3333333333333334, 4.6666666666666666,
4.8333333333333334, -1.6666666666666667, 1.0, -5.0, 13.0, 4.333333333333333,
-5.0, -0.0]
t node 8 with load 5
Path is currently at node 2 with load 8
Path is currently at node 5 with load 5

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```

PRICER_C: Found path with load 27
Path is currently at node 10 with load 6
Path is currently at node 2 with load 8
Path is currently at node 5 with load 5
PRICER_C: Found path with load 28
Path is currently at node 1 with load 10
Path is currently at node 6 with load 5
Path is currently at node 5 with load 5
PRICER_C: Found path with load 25
Path is currently at node 3 with load 7
Path is currently at node 6 with load 5
Path is currently at node 5 with load 5
PRICER_C: Found path with load 24
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
Path is currently at node 5 with load 5
PRICER_C: Found path with load 23
Path is currently at node 5 with load 5
Path is currently at node 6 with load 5
Path is currently at node 5 with load 5
PRICER_C: Found path with load 23
Path is currently at node 8 with load 5
Path is currently at node 6 with load 5
Path is curre[ 0 8 4 6 4 9 11 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]
Labelling found path (0, 8, 4, 6, 4, 9, 11) with negative reduced cost
Path already in variables with reduced cost -0.0 with farkas False.
Dual variables are [7.039999999999998, -3.56000000000000023, 9.0,
3.759999999999997, 3.7300000000000002, 4.0700000000000003, 3.29000000000000036,
4.89, 3.3400000000000007, 0.0199999999999998685, -0.0]
ntly at node 5 with load 5
PRICER_C: Found path with load 28
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
Path is currently at node 5 with load 5
PRICER_C: Found path with load 26
Path is currently at node 2 with load 8
Path is currently at node 5 with load 5
Path is currently at node 2 with load 8
PRICER_C: Found path with load 23
Path is currently at node 6 with load 5
Path is currently at node 5 with load 5
Path is currently at node 2 with load 8
PRICER_C: Found path with load 28
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 2 with load 8

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Path is currently at node 5 with load 5
 PRICER_C: Found path with load 29
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 Path is currently at node 6 with load 5
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 28
 Path is currently at node 6 with load 5
 Path is currently at node 5 with load 5
 Path is currently at node 6 with load 5
 Path is currently at node 5 with load 5
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 15
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 13
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 13
 Path is currently at node 6 with load 5
 PRICER_C: Found path with load 13
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 12
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 12
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 23
 Path is currently at node 2 with load 8
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 20
 Path is currently at node 6 with load 5
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 20
 Path is currently at node 8 with load 5
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 21
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 22
 Path is currently at node 2 with load 8
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 19
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 21
 Path is currently at node 2 with load 8
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 18
 Path is currently at node 6 with load 5
 Path is currently at node 5 with load 5

PRICER_C: Found path with load 18
Path is currently at node 6 with load 5
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 3 with load 7
Path is currently at node 2 with load 8
Path is currently at node 3 with load 7
PRICER_C: Found path with load 29
Path is currently at node 4 with load 6
Path is currently at node 2 with load 8
Path is currently at node 3 with load 7
PRICER_C: Found path with load 28
Path is currently at node 5 with load 5
Path is currently at node 2 with load 8
Path is currently at node 3 with load 7
PRICER_C: Found path with load 28
Path is currently at node 6 with load 5
Path is currently at node 2 with load 8
Path is currently at node 3 with load 7
PRICER_C: Found path with load 25
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
Path is currently at node 3 with load 7
PRICER_C: Found path with load 28
Path is currently at node 8 with load 5
Path is currently at node 2 with load 8
Path is currently at node 3 with load 7
PRICER_C: Found path with load 28
Path is currently at node 9 with load 5
Path is currently at node 2 with load 8
Path is currently at node 3 with load 7
PRICER_C: Found path with load 29
Path is currently at node 10 with load 6
Path is currently at node 2 with load 8
Path is currently at node 3 with load 7
PRICER_C: Found path with load 26
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 26
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 30
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
Path is currently at node 3 with load 7
PRICER_C: Found path with load 27

Path already in variables with reduced cost -5.050000000000001 with farkas False.

Dual variables are [14.0, -14.555555555555555, 4.222222222222223, 7.944444444444445, -6.888888888888888, -10.333333333333332, -6.333333333333333, 3.222222222222223, 8.666666666666666, 9.666666666666666, -0.0]

currently at node 7 with load 2

Path is currently at node 8 with load 5

Path is currently at node 2 with load 8

Path is currently at node 3 with load 7

PRICER_C: Capacity is 30

PRICER_C: Found path with load 15

Path is currently at node 3 with load 7

PRICER_C: Found path with load 13

Path is currently at node 5 with load 5

PRICER_C: Found path with load 13

Path is currently at node 6 with load 5

PRICER_C: Found path with load 13

Path is currently at node 8 with load 5

PRICER_C: Found path with load 12

Path is currently at node 8 with load 5

PRICER_C: Found path with load 12

Path is currently at node 3 with load 7

PRICER_C: Found path with load 26

Path is currently at node 2 with load 8

Path is currently at node 1 with load 10

PRICER_C: Found path with load 23

Path is currently at node 8 with load 5

Path is currently at node 1 with load 10

PRICER_C: Found path with load 25

Path is currently at node 1 with load 10

Path is currently at node 3 with load 7

PRICER_C: Found path with load 23

Path is currently at node 2 with load 8

Path is currently at node 3 with load 7

PRICER_C: Found path with load 20

Path is currently at node 6 with load 5

Path is currently at node 3 with load 7

PRICER_C: Found path with load 20

Path is currently at node 8 with load 5

Path is currently at node 3 with load 7

PRICER_C: Found path with load 21

Path is currently at node 10 with load 6

Path is currently at node 3 with load 7

PRICER_C: Found path with load 22

Path is currently at node 2 with load 8

Path is currently at node 4 with load 6

PRICER_C: Found path with load 19

Path is currently at node 6 with load 5

Path is currently at node 4 with load 6
PRICER_C: Found path with load 21
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Labelling found path (0, 1, 10, 4, 10, 7, 11) with negative reduced cost
Added (0, 1, 10, 4, 10, 7, 11) with path weight 28
There are 1 occurrences of node 1
There are 1 occurrences of node 4
There are 1 occurrences of node 7
There are 2 occurrences of node 10
Dual variables are [14.0, -14.555555555555555, 4.222222222222223, 1.0,
-6.888888888888888, -10.333333333333332, -6.333333333333333, 3.222222222222223,
8.666666666666666, 9.666666666666666, -0.0]
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 Labelling found path (0, 9, 1, 10, 9, 11) with negative reduced cost
 Added (0, 9, 1, 10, 9, 11) with path weight 25
 There are 1 occurrences of node 1
 There are 2 occurrences of node 9
 There are 1 occurrences of node 10
 Dual variables are [14.0, -7.954545454545453, 8.772727272727273,
 6.181818181818182, -3.363636363636364, -3.8636363636363624, -3.7272727272727275,
 4.909090909090909, 3.454545454545455, 4.09090909090909, -0.0]
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Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 19
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 26
Path is currently at node 3 with load 7
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 26
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
PRICER_C: Capacity is 30
PRICER_C: Found path with load 17
Path is currently at node 8 with load 5
Path is currently at node 3 with load 7
PRICER_C: Found path with load 16
Path is currently at node 8 with load 5
Path is currently at node 10 with load 6
PRICER_C: Found path with load 24
Path is currently at node 8 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5

Path isLabelling found path (0, 3, 10, 1, 9, 11) with negative reduced cost
 Added (0, 3, 10, 1, 9, 11) with path weight 18
 There are 1 occurrences of node 1
 There are 1 occurrences of node 3
 There are 1 occurrences of node 9
 There are 1 occurrences of node 10
 Dual variables are [4.96875, -6.75, 3.15625, 0.26041666666666661,
 4.5208333333333334, -1.1041666666666666, 4.8125, 5.072916666666666, 4.4375,
 5.4375, -0.0]
 currently at node 10 with load 6
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 24
 Path is currently at node 8 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 29
 Path is currently at node 8 with load 5
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 15
 Path is currently at node 8 with load 5
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 15
 Path is currently at node 8 with load 5
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 20
 Path is currently at node 8 with load 5
 Path is currently at node 9 with load 5
 Path is currently at node 6 with load 5
 PRICER_C: Found path with load 22
 Path is currently at node 3 with load 7
 Path is currently at node 6 with load 5
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 22
 Path is currently at node 3 with load 7
 Path is currently at node 6 with load 5
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 22
 Path is currently at node 3 with load 7
 Path is currently at node 8 with load 5
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 28
 Path is currently at node 6 with load 5
 Path is currently at node 9 with load 5
 Path is currently at node 6 with load 5
 Path is currently at node 5 with load 5

PRICER_C: Found path with load 28
Path is currently at node 8 with load 5
Path is currently at node 9 with load 5
Path is currently at node 6 with load 5
Path is currently at node 5 with load 5
PRICER_C: Found path with load 26
Path is currently at node 6 with load 5
Path is currently at node 5 with load 5
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 26
Path is currently at node 6 with load 5
Path is currently at node 9 with load 5
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 26
Path is currently at node 8 with load 5
Path is currently at node 9 with load 5
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 25
Path is currently at node 8 with load 5
Path is currently at node 6 with load 5
Path is currently at node 5 with load 5
Path is currently at node 6 with load 5
PRICER_C: Found path with load 25
Path is currently at node 9 with load 5
Path is currently at node 6 with load 5
Path is currently at node 5 with load 5
Path is currently at node 6 with load 5
PRICER_C: Found path with load 25
Path is currently at node 6 with load 5
Path is currently at node 9 with load 5
Path is currently at node 5 with load 5
Path is currently at node 6 with load 5
PRICER_C: Found path with load 25
Path is currently at node 8 with load 5
Path is currently at node 9 with load 5
Path is currently at node 5 with load 5
Path is currently at node 6 with load 5
PRICER_C: Found path with load 25
Path is currently at node 9 with load 5
Path is currently at node 6 with load 5
Path is currently at node 9 with load 5
Path is currently at node 6 with load 5
PRICER_C: Found path with load 27
Path is currently at node 3 with load 7
Path is currently at node 8 with load 5

Path is currently at node 9 with load 5
Path is currently at node 6 with load 5
PRICER_C: Found path with load 25
Path is currently at node 6 with load 5
Path is currently at node 9 with load 5
Path is currently at node 6 with load 5
Path is currently at node 9 with load 5
PRICER_C: Found path with load 25
Path is currently at node 8 with load 5
Path is currently at node 9 with load 5
Path is currently at node 6 with load 5
Path is currently at node 9 with load 5
PRICER_C: Found path with load 26
Path is currently at node 6 with load 5
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Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 26
Path is currently at node 6 with load 5
Path is currently at node 9 with load 5
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PRICER_C: Found path with load 26
Path is currently at node 8 with load 5
Path is currently at node 9 with load 5
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PRICER_C: Found path with load 26
Path is currently at node 6 with load 5
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
PRICER_C: Found path with load 25
Path is currently at node 6 with load 5
Path is currently at node 5 with load 5
Path is currently at node 6 with load 5
Path is currently at node 5 with load 5
PRICER_C: Found path with load 25
Path is currently at node 8 with load 5
Path is currently at node 5 with load 5
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PRICER_C: Found path with load 25
Path is currently at node 6 with load 5
Path is currently at node 9 with load 5
Path is currently at node 6 with load 5
Path is currently at node 5 with load 5
PRICER_C: Found path with load 25

Path is currently at node 8 with load 5
 Path is currently at node 9 with load 5
 Path is currently at node 6 with load 5
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 25
 Path is currently at node 6 with load 5
 Path is currently at node 9 with load 5
 Path is currently at node 6 with load 5
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 25
 Path is currently at node 8 with load 5
 Path is currently at node 9 with load 5
 Path is currently at node 6 with load 5
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 6 with load 5
 Path is currently at node 5 with load 5
 Path is currently at node 6 with load 5
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 Path is currently at node 6 with load 5
 PRICER_C: Found path with lo[0 7 9 7 9 7 9 7 9 7 11 0 0 0 0 0 0
 0 0 0 0 0 0 0
 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]
 Labelling found path (0, 7, 9, 7, 9, 7, 9, 7, 9, 7, 11) with negative reduced
 cost
 Added (0, 7, 9, 7, 9, 7, 9, 7, 9, 7, 11) with path weight 41
 There are 5 occurrences of node 7
 There are 4 occurrences of node 9
 Dual variables are [5.088235294117647, -6.1764705882352935, 3.3235294117647056,
 0.28431372549019684, 4.568627450980392, -0.9607843137254894, 4.764705882352941,
 5.049019607843137, 4.294117647058823, 5.294117647058823, -0.0]
 ad 30
 Path is currently at node 9 with load 5
 Path is currently at node 5 with load 5
 Path is currently at node 6 with load 5
 Path is currently at node 5 with load 5
 Path is currently at node 6 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 6 with load 5
 Path is currently at node 9 with load 5
 Path is currently at node 6 with load 5
 Path is currently at node 5 with load 5
 Path is currently at node 6 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 8 with load 5
 Path is currently at node 9 with load 5
 Path is currently at node 6 with load 5
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Path is currently at node 6 with load 5
PRICER_C: Found path with load 30
Path is currently at node 9 with load 5
Path is currently at node 6 with load 5
Path is currently at node 9 with load 5
Path is currently at node 5 with load 5
Path is currently at node 6 with load 5
PRICER_C: Found path with load 30
Path is currently at node 6 with load 5
Path is currently at node 9 with load 5
Path is currently at node 6 with load 5
Path is currently at node 9 with load 5
Path is currently at node 6 with load 5
PRICER_C: Found path with load 30
Path is currently at node 8 with load 5
Path is currently at node 9 with load 5
Path is currently at node 6 with load 5
Path is currently at node 9 with load 5
Path is currently at node 6 with load 5
PRICER_C: Found path with load 30
Path is currently at node 9 with load 5
Path is currently at node 6 with load 5
Path is currently at node 9 with load 5
Path is currently at node 6 with load 5
Path is currently at node 9 with load 5
PRICER_C: Found path with load 30
Path is currently at node 9 with load 5
Path is currently at node 6 with load 5
Path is currently at node 5 with load 5
Path is currently at node 6 with load 5
Path is currently at node 5 with load 5
PRICER_C: Found path with load 30
Path is currently at node 9 with load 5
Path is currently at node 6 with load 5
Path is currently at node 9 with load 5
Path is currently at node 6 with load 5
Path is currently at node 5 with load 5
PRICER_C: Found path with load 30
Path is currently at node 9 with load 5
Path is currently at node 6 with load 5
Path is currently at node 9 with load 5
Path is currently at node 6 with load 5
Path is currently at node 9 with load 5
PRICER_C: Capacity is 30
PRICER_C: Found path with load 15
Path is currently at node 8 with load 5
Path is currently at node 5 with load 5
PRICER_C: Found path with load 15

Path is currently at node 8 with load 5
Path is currently at node 9 with load 5
PRICER_C: Found path with load 17
Path is currently at node 8 with load 5
Path is currently at node 3 with load 7
PRICER_C: Found path with load 15
Path is currently at node 8 with load 5
Path is currently at node 9 with load 5
PRICER_C: Found path with load 20
Path is currently at node 8 with load 5
Path is currently at node 9 with load 5
Path is currently at node 6 with load 5
PRICER_C: Found path with load 22
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PRICER_C: Found path with load 22
Path is currently at node 3 with load 7
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Path is currently at node 9 with load 5
PRICER_C: Found path with load 24
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Path is currently at node 3 with load 7
PRICER_C: Found path with load 22
Path is currently at node 3 with load 7
Path is currently at node 8 with load 5
Path is currently at node 9 with load 5
PRICER_C: Found path with load 28
Path is currently at node 8 with load 5
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Path is currently at node 6 with load 5
Path is currently at node 5 with load 5
PRICER_C: Found path with load 28
Path is currently at node 8 with load 5
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PRICER_C: Found path with load 26
Path is currently at node 8 with load 5
Path is currently at node 9 with load 5
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 25
Path is currently at node 8 with load 5
Path is currently at node 6 with load 5
Path is currently at node 5 with load 5
Path is currently at node 6 with load 5

PRICER_C: Found path with load 25
Path is currently at node 8 with load 5
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Path is currently at node 6 with load 5
PRICER_C: Found path with load 27
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PRICER_C: Found path with load 26
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PRICER_C: Found path with load 25
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PRICER_C: Found path with load 25
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PRICER_C: Found path with load 25
Path is currently at node 8 with load 5
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Path is currently at node 5 with load 5
PRICER_C: Found path with load 30
Path is currently at node 6 with load 5
Path is currently at node 5 with load 5
Path is currently at node 6 with load 5
Path is currently at node 5 with load 5
Path is currently at node 6 with load 5
PRICER_C: Found path with load 30
Path is currently at node 8 with load 5
Path is currently at node 5 with load 5
Path is currently at node 6 with load 5
Path is currently at node 5 with load 5
Path is currently at node 6 with load 5
PRICER_C: Found path with load 30


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Labelling found path (0, 7, 9, 7, 9, 7, 9, 7, 9, 11) with negative reduced cost
Added (0, 7, 9, 7, 9, 7, 9, 7, 9, 11) with path weight 33
d 5
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 26
Path is currently at node 8 with load 5
Path is currently at node 9 with load 5
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Path is currently at node 4 with load 6
PRICER_C: Found path with load 26
Path is currently at node 8 with load 5
Path is currently at node 9 with load 5
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 26
Path is currently at node 6 with load 5
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
PRICER_C: Found path with load 25
Path is currently at node 8 with load 5
Path is currently at node 5 with load 5
Path is currently at node 6 with load 5
Path is currently at node 5 with load 5
PRICER_C: Found path with load 25
Path is currently at node 8 with load 5
Path is currently at node 9 with load 5
Path is currently at node There are 4 occurrences of node 7
There are 4 occurrences of node 9
Dual variables are [5.59375, -3.7916666666666666, 4.6458333333333334,
0.6927083333333333, 4.7708333333333334, 0.2604166666666667, 4.5625,
4.9479166666666666, 3.6875, 4.0729166666666666, -0.0]
6 with load 5
Path is currently at node 5 with load 5
PRICER_C: Found path with load 25
Path is currently at node 6 with load 5
Path is currently at node 5 with load 5
Path is currently at node 6 with load 5
Path is currently at node 9 with load 5
PRICER_C: Found path with load 25
Path is currently at node 8 with load 5
Path is currently at node 9 with load 5
Path is currently at node 6 with load 5
Path is currently at node 9 with load 5
PRICER_C: Found path with load 30
Path is currently at node 9 with load 5

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Path is currently at node 6 with load 5
Path is currently at node 5 with load 5
Path is currently at node 6 with load 5
Path is currently at node 5 with load 5
PRICER_C: Found path with load 30
Path is currently at node 6 with load 5
Path is currently at node 5 with load 5
Path is currently at node 6 with load 5
Path is currently at node 5 with load 5
Path is currently at node 9 with load 5
PRICER_C: Found path with load 30
Path is currently at node 8 with load 5
Path is currently at node 9 with load 5
Path is currently at node 6 with load 5
Path is currently at node 5 with load 5
Path is currently at node 9 with load 5
PRICER_C: Found path with load 30
Path is currently at node 9 with load 5
Path is currently at node 6 with load 5
Path is currently at node 5 with load 5
Path is currently at node 6 with load 5
Path is currently at node 9 with load 5
PRICER_C: Capacity is 30
PRICER_C: Found path with load 25
Path is currently at node 8 with load 5
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 20
Path is currently at node 8 with load 5
Path is currently at node 9 with load 5
Path is currently at node 6 with load 5
PRICER_C: Found path with load 25
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 29
Path is currently at node 6 with load 5
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
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PRICER_C: Found path with load 29
Path is currently at node 8 with load 5
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Path is currently at node 5 with load 5
PRICER_C: Found path with load 28
Path is currently at node 8 with load 5
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Path is currently at node 6 with load 5
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 27
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
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 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 26
 Path is currently at node 8 with load 5
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 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 25
 Path is currently at node 8 with load 5
 Path is currently at node 9 with load 5
 Path is currently at node 5 with load 5
 Path is c[0 1 8 7 9 7 9 11 0 0 0 0 0 0 0 0 0 0 0 0 0 0
 0
 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]
 Labelling found path (0, 1, 8, 7, 9, 7, 9, 11) with negative reduced cost
 Added (0, 1, 8, 7, 9, 7, 9, 11) with path weight 24
 There are 1 occurrences of node 1
 There are 2 occurrences of node 7
 There are 1 occurrences of node 8
 There are 2 occurrences of node 9
 Dual variables are [6.861111111111111, -2.7777777777777776, 6.166666666666666,
 0.8194444444444445, 5.277777777777777, 1.527777777777778, 4.055555555555555,
 4.694444444444444, 2.1666666666666668, 2.805555555555555, -0.0]
 urrently at node 6 with load 5
 PRICER_C: Found path with load 25
 Path is currently at node 8 with load 5
 Path is currently at node 9 with load 5
 Path is currently at node 6 with load 5
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 26
 Path is currently at node 6 with load 5
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 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 25
 Path is currently at node 8 with load 5
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 Path is currently at node 6 with load 5
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 PRICER_C: Found path with load 25
 Path is currently at node 8 with load 5
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Path is currently at node 9 with load 5
 PRICER_C: Found path with load 28
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 8 with load 5
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 PRICER_C: Found path with load 30
 Path is currently at node 8 with load 5
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 PRICER_C: Found path with load 30
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 PRICER_C: Found path with load 30
 Path is currently at node 9 with load 5
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 Path is currently at node 6 with load 5
 Path is currently at node 9 with load 5
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 13
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 16
 Path is currently at node 8 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 24
 Path is currently at node 8 with load 5
 Path is currently at node 4 with load 6
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 PRICER_C: Found path with load 24
 Path is currently at node 9 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 21
 Path is currently at node 9 with load 5
 Path is currently at node 8 with load 5
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 PRICER_C: Found path with load 21
 Path is currently at node 8 with load 5
 Path is currently at node 9 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 30
 Path is currently at node 6 with load 5

Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 30
Path is currently at node 8 with load 5
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 30
Path is currently at node 9 with load 5
Path is currently at node 4 with load 6
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PRICER_C: Found path with load 29
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PRICER_C: Found path with load 29
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PRICER_C: Found path with load 29
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PRICER_C: Found path with load 27
Path is currently at node 6 with load 5
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PRICER_C: Found path with load 27
Path is currently at node 8 with load 5
Path is currently at node 4 with load 6
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Path is currently at node 4 with load 6
PRICER_C: Found path with load 27
Path is currently at node 9 with load 5
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6

3.8846153846153824, 4.865384615384617, 2.423076923076926, 4.192307692307692, -0.0]

th is currently at node 9 with load 5
Path is currently at node 8 with load 5
PRICER_C: Capacity is 30
PRICER_C: Found path with load 13
Path is currently at node 8 with load 5
PRICER_C: Found path with load 16
Path is currently at node 8 with load 5
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PRICER_C: Found path with load 24
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 PRICER_C: Found path with load 27
 Path is currently at node 9 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 8 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 13
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 16
 Path is currently at node 8 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 24
 Path is currently at node 8 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 24
 Path is currently at node 8 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 23
 Path is currently at node 8 with load 5
 Path is currently at node 9 with load 5
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 21
 Path is currently at node 8 with load 5
 Path is currently at node 9 with load 5

Path is currently at node 4 with load 6
 PRICER_C: Found path with load 29
 Path is currently at node 9 with load 5
 Path is currently at node 8 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 29
 Path is currently at node 8 with load 5
 Path is currently at node 9 with load 5
 Path is currently at node 4 with load 6
 Path is currentl[0 5 10 3 10 6 11 0 0 0 0 0 0 0 0 0 0 0 0 0
 0 0 0
 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]
 Labelling found path (0, 5, 10, 3, 10, 6, 11) with negative reduced cost
 Added (0, 5, 10, 3, 10, 6, 11) with path weight 18
 There are 1 occurences of node 3
 There are 1 occurences of node 5
 There are 1 occurences of node 6
 There are 2 occurences of node 10
 Dual variables are [6.519230769230766, -4.25, 4.865384615384617,
 0.21153846153846256, 5.192307692307692, -0.4423076923076916, 3.8846153846153824,
 4.865384615384617, 2.423076923076926, 4.192307692307692, -0.0]y at node 8 with
 load 5
 PRICER_C: Found path with load 29
 Path is currently at node 8 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 9 with load 5
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 27
 Path is currently at node 8 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 27
 Path is currently at node 9 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 17
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 27
 Path is currently at node 1 with load 10
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 23
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 25

Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 24
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 22
 Path is currently at node 6 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 22
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 22
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 20
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 18
 Path is currently at node 6 with load 5
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 20
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 29
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 28
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 28
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 30
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 28
 Path is currently at node 6 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 30
 Path is currently at node 5 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 5 with load 5

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PRICER_C: Found path with load 30
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 5 with load 5
PRICER_C: Found path with load 30
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
Path is currently at node 5 with load 5
PRICER_C: Found path with load 26
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
PRICER_C: Found path with load 26
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
PRICER_C: Found path with load 30
Path is currently at node 5 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 6 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 27
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently a[ 0 5 1 8 7 9 11 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]t node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 28
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
Path is currently at node 1 with load 10
PRICER_C: Found path with load 30
Path is currently at node 1 with load 10

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Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 26
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 21
 Path is currently at node 6 with load 5
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 29
 Path is curre
 Labelling found path (0, 5, 1, 8, 7, 9, 11) with negative reduced cost
 Added (0, 5, 1, 8, 7, 9, 11) with path weight 21
 There are 1 occurences of node 1
 There are 1 occurences of node 5
 There are 1 occurences of node 7
 There are 1 occurences of node 8
 There are 1 occurences of node 9
 Dual variables are [6.861111111111109, -3.138888888888893, 5.805555555555554,
 2.6944444444444455, 3.222222222222205, 1.166666666666667, 4.055555555555556,
 4.694444444444444, 2.1666666666666696, 3.166666666666668, -0.0]
 ntly at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 29
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 29
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 29
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 27
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 27
 Path is currently at node 5 with load 5

Path is currently at node 9 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 22
 Path is currently at node 10 with load 6
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 25
 Path is currently at node 1 with load 10
 Path
 Labelling found path (0, 3, 1, 8, 7, 9, 11) with negative reduced cost
 Added (0, 3, 1, 8, 7, 9, 11) with path weight 23
 is currently at node 8 with load 5
 PRICER_C: Found path with load 21
 Path is currently at node 10 with load 6
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 25
 Path is currently at node 1 with load 10
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 21
 Path is currently at node 4 with load 6
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 21
 Path is currently at node 10 with load 6
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 23
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 22
 Path is currently at node 4 with load 6
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 21
 Path is currently at node 8 with load 5
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 23
 Path is currently at node 1 with load 10
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 20
 Path is cuThere are 1 occurences of node 1
 There are 1 occurences of node 3
 There are 1 occurences of node 7
 There are 1 occurences of node 8
 There are 1 occurences of node 9
 Dual variables are [6.666666666666666, -3.770833333333333, 5.2708333333333334,
 2.3541666666666664, 3.2708333333333335, 0.4375, 3.9583333333333332,
 4.791666666666666, 2.3125, 3.7499999999999996, -0.0]
 rrently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 21
 Path is currently at node 1 with load 10

Path is currently at node 9 with load 5
PRICER_C: Found path with load 22
Path is currently at node 1 with load 10
Path is currently at node 10 with load 6
PRICER_C: Found path with load 19
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 22
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 20
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 20
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 21
Path is currently at node 10 with load 6
Path is currently at node 1 with load 10
PRICER_C: Found path with load 30
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 29
Path is currently at node 4 with load 6
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 28
Path is currently at node 6 with load 5
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 28
Path is currently at node 8 with load 5
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 28
Path is currently at node 9 with load 5
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 28
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 4 with load 6
PRICER_C: Found path with load 29
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
PRICER_C: Found path with load 27


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Pat[ 0  1  8  7  8  7  9 11  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
    0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0]
Labelling found path (0, 1, 8, 7, 8, 7, 9, 11) with negative reduced cost
Added (0, 1, 8, 7, 8, 7, 9, 11) with path weight 26
h is currently at node 4 with load 6
Path is currently at node 9 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 27
Path is currently at node 10 with load 6
Path is currently at node 9 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 29
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
PRICER_C: Found path with load 28
Path is currently at node 4 with load 6
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
PRICER_C: Found path with load 27
Path is currently at node 5 with load 5
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
PRICER_C: Found path with load 27
Path is currently at node 6 with load 5
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
PRICER_C: Found path with load 24
Path is currently at node 7 with load 2
Path is currently at node 10 with There are 1 occurences of node 1
There are 2 occurences of node 7
There are 2 occurences of node 8
There are 1 occurences of node 9
Dual variables are [4.750000000000007, -4.249999999999998, 5.749999999999998,
1.8750000000000009, 3.749999999999999, -0.9999999999999938, 3.0000000000000036,
5.749999999999996, 3.7499999999999947, 3.75, -0.0]
load 6
Path is currently at node 4 with load 6
PRICER_C: Found path with load 27
Path is currently at node 8 with load 5
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
PRICER_C: Found path with load 27
Path is currently at node 9 with load 5
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
PRICER_C: Found path with load 30
Path is currently at node 5 with load 5

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Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 6 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 27
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path wi[ 0 5 1 8 7 8 11 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0
    0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]
th load 30
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 28
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 8 with load 5
PRICER_C: Found path with load 26
Path is currently at node 8 with load 5
Path is currently at node 10 with load 6
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 5 with load 5
Path is currently at node 1 with load 10
Path is currently at node 9 with load 5
PRICER_C: Found path with load 30
Path is currently at node 6 with load 5
Path is currently at node 1 with load 10
Path is currently at node 9 with load 5
PRICER_C: Found path with load 27
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 9 with load 5
PRICER_C: Found path with load 30
Path is currently at node 8 with load 5
Path is currently aLabelling found path (0, 5, 1, 8, 7, 8, 11) with negative
reduced cost
Added (0, 5, 1, 8, 7, 8, 11) with path weight 23
There are 1 occurences of node 1
There are 1 occurences of node 5

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There are 1 occurrences of node 7
 There are 2 occurrences of node 8
 Dual variables are [4.750000000000007, -4.249999999999998, 5.749999999999998,
 1.875000000000009, 3.749999999999999, -0.999999999999938, 3.000000000000036,
 5.749999999999996, 3.749999999999947, 3.75, -0.0]
 t node 1 with load 10
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 26
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 26
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 26
 Path is currently at node 9 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 27
 Path is currently at node 10 with load 6
 Path is currently at node 4 with load 6
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 28
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 27
 Path is currently at node 4 with load 6
 Path is currently at node 10 with load 6
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 26
 Path is currently at node 8 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 29
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 27
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 27

Path is currently at node 9 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 28
 Path is currently at node 10 with load 6
 Path is currently at node 4 with load 6
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 26
 Path is currently at node 8 with load 5
 Path [0 5 1 8 7 8 11 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0] is currently at node 1 with
 load 10
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 30
 Path is currently at node 1 with load 10
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 26
 Path is currently at node 4 with load 6
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 25
 Path is currently at node 5 with load 5
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 26
 Path is currently at node 10 with load 6
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 28
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 1 with
 Labelling found path (0, 5, 1, 8, 7, 8, 11) with negative reduced cost
 Path already in variables with reduced cost -0.0 with farkas False.
 Dual variables are [4.749999999999999, -4.249999999999999, 5.750000000000001,
 1.875, 3.75, -0.9999999999999982, 3.0, 5.75, 3.750000000000001,
 3.749999999999999, -0.0]h load 10
 PRICER_C: Found path with load 27
 Path is currently at node 4 with load 6
 Path is currently at node 10 with load 6
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 26
 Path is currently at node 8 with load 5

Path is currently at node 10 with load 6
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 30
 Path is currently at node 7 with load 2
 Path is currently at node 10 with load 6
 Path is currently at node 4 with load 6
 Path is currently at node 10 with load 6
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 17
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 15
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 15
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 16
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 13
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 15
 Path is currently at node 1 with load 10
 PRICER_C:
 Found path with load 11
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 13
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 27
 Path is currently at node 1 with load 10
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 23
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 26
 Path is currently at node 1 with load 10
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 25
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 21
 Path is currently at node 10 with load 6
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 25
 Path is currently at node 1 with load 10
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 21
 Path is currently at node 10 with load 6
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 23
 Path is currently at n[0 3 10 8 7 9 11 0 0 0 0 0 0 0 0 0 0 0 0

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0 0 0 0 0
  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]
Labelling found path (0, 3, 10, 8, 7, 9, 11) with negative reduced cost
Added (0, 3, 10, 8, 7, 9, 11) with path weight 22
There are 1 occurrences of node 3
There are 1 occurrences of node 7
There are 1 occurrences of node 8
There are 1 occurrences of node 9
There are 1 occurrences of node 10
Dual variables are [4.749999999999999, -4.249999999999999, 5.750000000000001,
1.875, 3.75, -0.999999999999982, 3.0, 5.75, 3.750000000000001,
3.749999999999999, -0.0]
ode 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 22
Path is currently at node 4 with load 6
Path is currently at node 10 with load 6
PRICER_C: Found path with load 21
Path is currently at node 8 with load 5
Path is currently at node 10 with load 6
PRICER_C: Found path with load 21
Path is currently at node 9 with load 5
Path is currently at node 10 with load 6
PRICER_C: Found path with load 23
Path is currently at node 1 with load 10
Path is currently at node 10 with load 6
PRICER_C: Found path with load 20
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 22
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 20
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 20
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 21
Path is currently at node 10 with load 6
Path is currently at node 1 with load 10
PRICER_C: Found path with load 21
Path is currently at node 1 with load 10
Path is currently at node 10 with load 6
PRICER_C: Found path with load 30
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7

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Path is currently at node 8 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 5 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 6 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 27
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 9 with load Labelling found path (0, 3, 10, 8, 7, 9, 11) with negative reduced cost
 Path already in variables with reduced cost -0.0 with farkas False.
 Farkas Values are [0.0, 0.0, 0.0, 0.0, 0.0, 0.0, -1.0, 0.0, 0.0, 0.0, 0.0]
 5
 PRICER_C: Found path with load 28
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 27
 Path is currently at node 4 with load 6
 Path is currently at node 10 with load 6
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 26
 Path is currently at node 6 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 26
 Path is currently at node 8 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 26
 Path is currently at node 9 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 29

Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 28
 Path is currently at node 10 withThere are no paths with negative reduced costs
 Dual variables are [6.666666666666666, -4.424242424242424, 4.878787878787879,
 3.878787878787877, 1.4848484848484862, -1.0, 3.6969696969696972,
 5.575757575757576, 2.1818181818181817, 4.2727272727272725, -0.0]
 load 6
 Path is currently at node 4 with load 6
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 27
 Path is currently at node 10 with load 6
 Path is currently at node 8 with load 5
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 28
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 28
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 26
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 28
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 30
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 Path is currentl[0 1 8 7 8 7 9 11 0 0 0 0 0 0 0 0 0 0 0 0
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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]y at node 1 with load 10
 PRICER_C: Found path with load 26
 Path is currently at node 10 with load 6
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 30
 Path is currently at node 1 with load 10
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 26
 Path is currently at node 4 with load 6
 Path is currently at node 9 with load 5

Path is currently at node 1 with load 10
 PRICER_C: Found path with load 25
 Path is currently at node 5 with load 5
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 26
 Path is currently at node 10 with load 6
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 28
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 27
 Path is
 Labelling found path (0, 1, 8, 7, 8, 7, 9, 11) with negative reduced cost
 Path already in variables with reduced cost -1.3939393939393945 with farkas
 False.
 Farkas Values are [0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, -1.0, 0.0, 0.0]
 There are no paths with negative reduced costs
 Dual variables are [6.071428571428571, -5.428571428571429, 2.5714285714285716,
 4.392857142857143, 0.5714285714285712, -1.0, 3.785714285714286,
 6.285714285714286, 4.2857142857142865, 5.071428571428571, -0.0]
 currently at node 4 with load 6
 Path is currently at node 10 with load 6
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 26
 Path is currently at node 6 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 26
 Path is currently at node 8 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 26
 Path is currently at node 9 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 1 with load 10
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 17
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 15
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 15
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 16
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 17

Path is currently at node 1 with load 10
PRICER_C: Found path with load 13
Path is currently at node 10 with load 6
PRICER_C: Found path with load 13
Path is currently at node 3 with load 7
PRICER_C: Found path with load 27
Path is currently at node 1 with load 10
Path is currently at node 3 with load 7
PRICER_C: Found path with load 23
Path is currently at node 4 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 23
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 26
Path is currently at node 1 with load 10
Path is currently at node 4 with load 6
PRICER_C: Found path with load 23
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
PRICER_C: Found path with load 21
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 21
Path is currently at node 9 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 22
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
PRICER_C: Found path with load 25
Path is currently at node 1 with load 10
Path is currently at node 5 with load 5
PRICER_C: Found path with load 25
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 21
Path is currently at node 10 with load 6
Path is currently at node 8 with load 5
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Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 22
Path is currently at node 4 with load 6
Path is currently at node 10 with load 6
PRICER_C: Found path with load 24
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 23

Path is currently at node 4 with load 6
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 22
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 22
 Path is currently at node 9 with load 5
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 PRICER_C: Found path with load 23
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 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 23
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 PRICER_C: Found path with load 29
 Path is currently at node 7 with load 2
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 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 28
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
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 PRICER_C: Found path with load 28
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 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 28
 Path is currently at node 9 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 30
 Path is currently at node 3 with load [0 1 8 7 9 7 9 11 0 0 0 0 0 0
 0 0 0 0 0 0 0 0 0 0 0 0
 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]
 Labelling found path (0, 1, 8, 7, 9, 7, 9, 11) with negative reduced cost
 Path already in variables with reduced cost -4.5 with farkas False.
 Farkas Values are [-1.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0]
 There are no paths with negative reduced costs7
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 29
 Path is currently at node 4 with load 6
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 28
 Path is currently at node 6 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7

PRICER_C: Found path with load 25
 Path is currently at node 7 with load 2
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 28
 Path is currently at node 8 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 28
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 29
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 4
 Farkas Values are [-1.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0]
 There are no paths with negative reduced costs
 Dual variables are [6.105263157894737, -5.473684210526311, 2.5263157894736854,
 4.421052631578942, 0.5263157894736894, -1.0000000000000018, 3.8421052631578947,
 6.263157894736841, 4.263157894736839, 5.105263157894738, -0.0]
 with load 6
 PRICER_C: Found path with load 29
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 28
 Path is currently at node 4 with load 6
 Path is currently at node 10 with load 6
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 27
 Path is currently at node 6 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 30
 Path is currently at node 9 with load 5
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 PRICER_C: Found path with load 30
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 PRICER_C: Found path with load 30
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 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 27
 Path is currently at node 7 with load 2

Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
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PRICER_C: Found path with load 28
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PRICER_C: Found path with load 27
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PRICER_C: Found path with load 26
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PRICER_C: Found path with load 26
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PRICER_C: Found path with load 29
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PRICER_C: Found path with load 27
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Path is currently at node 10 with load 6
PRICER_C: Found path with load 30
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 28
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
Path is currently at node 1 with load 10
PRICER_C: Found path with load 28
Path is currently at node 9 with load 5
Path is currently at node 4 with load 6
Path is currently at node 1 with load 10
PRICER_C: Found path with load 28
Path is currently at node 8 with load 5

Path is currently at node 1 with load 10
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 28
 Path i[0 1 8 7 8 7 9 11 0 0 0 0 0 0 0 0 0 0 0 0 0 0
 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]s currently at node 9 with load
 5
 Path is currently at node 1 with load 10
 Path is currently at node 10 with load 6
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 21
 Path is currently at node 10 with load 6
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 23
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 20
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 19
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 30
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 30
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 9 with load 5
 Path is current
 Labelling found path (0, 1, 8, 7, 8, 7, 9, 11) with negative reduced cost
 Path already in variables with reduced cost -4.578947368421048 with farkas
 False.
 Dual variables are [14.0, -3.7777777777777812, 8.111111111111114,
 6.777777777777778, -4.555555555555555, -2.888888888888893, -2.666666666666665,
 8.111111111111111, -6.444444444444448, 2.333333333333335, -0.0]
 ly at node 1 with load 10
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 28
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 25
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 7 with load 2

PRICER_C: Found path with load 30
Path is currently at node 5 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 8 with load 5
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Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
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PRICER_C: Found path with load 22
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PRICER_C: Found path with load 23
Path is currently at node 10 with load 6
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PRICER_C: Found path with load 26
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PRICER_C: Found path with load 29
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PRICER_C: Found path with load 28
Path is currently at node 8 with load 5
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PRICER_C: Found path with load 26
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Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 24
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PRICER_C: Found path with load 21
Path is currently at node 10 with load 6
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Path is currently at node 10 with load 6

PRICER_C: Found path with load 26
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
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PRICER_C: Found path with load 24
Path is currently at node 8 with load 5
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PRICER_C: Found path with load 24
Path is currently at node 9 with load 5
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Path is currently at node 7 with load 2
PRICER_C: Found path with load 30
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Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
PRICER_C: Found path with load 28
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Path is currently at node 10 with load 6
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Path is currently at node 8 with load 5
PRICER_C: Found path with load 28
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PRICER_C: Found path with load 27
Path is currently at node 8 with load 5
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PRICER_C: Found path with load 27
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PRICER_C: Found path with load 25
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Path is currently at node 9 with load 5
PRICER_C: Found path with load 29
Path is currently at node 8 with load 5
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PRICER_C: Found path with load 28
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Path is currently at node 10 with load 6
PRICER_C: Found path with load 26
Path is currently at node 8 with load 5
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Path is currently at node 10 with load 6
PRICER_C: Found path with load 26
Path is currently at node 9 with load 5
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PRICER_C: Found path with load 29
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PRICER_C: Found path with load 29
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PRICER_C: Found path with load 30
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Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
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PRICER_C: Found path with load 27
Path is currently at node 8 with load 5
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Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
PRICER_C: Found path with load 27
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2

Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
PRICER_C: Found path with load 24
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
PRICER_C: Found path with load 24
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
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Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
PRICER_C: Found path with load 21
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
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Path is currently at node 9 with load 5
PRICER_C: Found path with load 26
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Path is currently at node 7 with load 2
PRICER_C: Found path with load 26
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PRICER_C: Found path with load 28
Path is currently at node 8 with load 5
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Path is currently at node 7 with load 2
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Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
PRICER_C: Found path with load 28
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
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Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 7 with load 2
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 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 21
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 PRICER_C: Found path with load 23
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 PRICER_C: Found path with load 30
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 30
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node [0 8 1 8 10 11 0 0 0 0 0 0 0 0 0 0 0 0
 0 0 0 0 0 0
 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]
 Labelling found path (0, 8, 1, 8, 10, 11) with negative reduced cost
 Added (0, 8, 1, 8, 10, 11) with path weight 20
 There are 1 occurrences of node 1
 There are 2 occurrences of node 8
 There are 1 occurrences of node 10
 Dual variables are [14.0, 2.25, 9.0, 4.4375, 0.125, 1.1875, -0.9375, 3.5625,
 -3.875, -1.125, -0.0]
 e 5 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 28
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 5 with load 5

PRICER_C: Found path with load 25
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
PRICER_C: Found path with load 30
Path is currently at node 5 with load 5
Path is currently at node 1 with load 10
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PRICER_C: Found path with load 30
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PRICER_C: Found path with load 21
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PRICER_C: Found path with load 26
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PRICER_C: Found path with load 30
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PRICER_C: Found path with load 27
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 25
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
PRICER_C: Found path with load 29
Path is currently at node 8 with load 5
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6

PRICER_C: Found path with load 28
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 26
 Path is currently at node 8 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 26
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 29
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 29
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 29
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 10 with load 6
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 24
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 24
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2

Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
PRICER_C: Found path with load 21
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
PRICER_C: Found path with load 26
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 26
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 28
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
PRICER_C: Found path with load 28
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
PRICER_C: Capacity is 30
PRICER_C: Found path with load 23
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 23
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 20
Path is currently at node 3 with load 7

Path is currently at node 10 with load 6
 PRICER_C: Found path with load 20
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 30
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 30
 Path is currently at node 8 with load 5
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 PRICER_C: Found path with load 30
 Path is currently at node 9 with load 5
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 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 27
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 30
 Path is currently at node 5 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 8 with load 5
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 PRICER_C: Found path with load 30
 Path is currently at node 9 with load 5
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 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 22
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 28
 Path is currently at node 3 with load 7
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 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 29
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 28
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 10 with load 6

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PRICER_C: Found path with load 26
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 24
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 26
P[ 0  3  1  8  7 11  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
   0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0]
Labelling found path (0, 3, 1, 8, 7, 11) with negative reduced cost
Added (0, 3, 1, 8, 7, 11) with path weight 25
There are 1 occurrences of node 1
There are 1 occurrences of node 3
There are 1 occurrences of node 7
There are 1 occurrences of node 8
Dual variables are [14.0, 2.25, 8.583333333333334, 4.333333333333333,
0.33333333333333326, 1.0833333333333334, -1.0416666666666667, 3.4583333333333335,
-3.6666666666666667, -0.9166666666666666, -0.0]
ath is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 28
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 8 with load 5
PRICER_C: Found path with load 27
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 27
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 29
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
PRICER_C: Found path with load 29
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5

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Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
PRICER_C: Capacity is 30
PRICER_C: Found path with load 17
Path is currently at node 3 with load 7
PRICER_C: Found path with load 23
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 25
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 23
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 22
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 20
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 20
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 30
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 28
Path is currently at node 6 with load 5
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Path is currently at node 3 with load 7
PRICER_C: Found path with load 30
Path is currently at node 5 with load 5
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PRICER_C: Found path with load 30
Path is currently at node 6 with load 5
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PRICER_C: Found path with load 30
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Path is currently at node 5 with load 5
PRICER_C: Found path with load 30
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
Path is currently at node 5 with load 5
PRICER_C: Found path with load 26

Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
PRICER_C: Found path with load 27
Path is currently at node 8 with load 5
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Path is currently at node 7 with load 2
PRICER_C: Found path with load 30
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Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 6 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 27
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
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PRICER_C: Found path with load 30
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PRICER_C: Found path with load 28
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PRICER_C: Found path with load 29
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PRICER_C: Found path with load 28
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Path is currently at node 5 with load 5
PRICER_C: Found path with load 28
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
Path is currently at node 5 with load 5
PRICER_C: Found path with load 30
Path is currently at node 1 with load 10
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 26

Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 30
 Path is currently at node 1 with load 10
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 PRICER_C: Found path with load 25
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 PRICER_C: Found path with load 30
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 PRICER_C: Found path with load 29
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 PRICER_C: Found path with load 27
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 PRICER_C: Found path with load 27
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 PRICER_C: Found path with load 27
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 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 23
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 21
 Path is currently at node 10 with load 6
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 23
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 20
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6

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PRICER_C: Found path with load 20
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 18
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 30
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 30
Path is currently at node 5 with load 5
Path is currently at node 1 with load 10
Path is currently at node 5 with load 5
PRICER_C: Found path with load 30
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 5 with load 5
PRICER_C: Found path with load 30
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
Path is currently at node 5 with load 5
PRICER_C: Found path with load 26
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
PRICER_C: Found path with load 28
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 5 with load 5
PRICER_C: Found path with load 27
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 30
Path is curr[ 0  3  1  8  7 11  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
0  0
    0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0]
Labelling found path (0, 3, 1, 8, 7, 11) with negative reduced cost
Path already in variables with reduced cost -0.0 with farkas False.
Dual variables are [5.64516129032258, -4.21774193548387, 4.185483870967742,
3.056451612903227, 2.185483870967741, -0.13709677419354804, 4.596774193548387,
4.919354838709678, 3.653225806451613, 4.516129032258064, -0.0]
ently at node 5 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 6 with load 5

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Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 28
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 8 with load 5
PRICER_C: Found path with load 29
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Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 28
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 10 with load 6
PRICER_C: Found path with load 26
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 30
Path is currently at node 1 with load 10
Path is currently at node 5 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 25
Path is currently at node 9 with load 5
Path is currently at node 5 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 30
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 24
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
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PRICER_C: Found path with load 26
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 27
Path is currently at node 8 with load 5

Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 27
 Path is currently at node 9 with load 5
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 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 29
 Path is currently at node 6 with load 5
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 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 23
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 21
 Path is currently at node 10 with load 6
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 23
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 20
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 20
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 18
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 30
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
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 PRICER_C: Found path with load 30
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 Path is currently at node 1 with load 10
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 PRICER_C: Found path with load 30
 Path is currently at node 9 with load 5
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Path is currently at node 10 with load 6
 PRICER_C: Found path with load 30
 Path is currently at node 1 with load 10
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 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 25
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 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 17
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 PRICER_C: Found path with load 23
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 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 22
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 20
 Path is currently at node 3 with load 7

Path is currently at node 10 with load 6
 PRICER_C: Found path with load 30
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 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 28
 Path is currently at node 8 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 30
 Path is currently at node 8 with load 5
 Path is currently at node 8 with load 5
 There are 1 occurrences of node 3
 There are 2 occurrences of node 7
 There are 2 occurrences of node 9
 There are 1 occurrences of node 10
 Dual variables are [5.982456140350877, -4.070175438596495, 4.543859649122803,
 2.8245614035087687, 2.5438596491228083, 0.052631578947366364, 4.385964912280701,
 4.877192982456139, 3.2105263157894743, 4.263157894736846, -0.0]
 y at node 1 with load 10
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
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 PRICER_C: Found path with load 27
 Path is currently at node 8 with load 5
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 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 30
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PRICER_C: Found path with load 30
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Path is currently at node 8 with load 5
PRICER_C: Found path with load 28
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PRICER_C: Found path with load 21
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PRICER_C: Found path with load 23

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 Labelling found path (0, 1, 8, 7, 9, 7, 9, 11) with negative reduced cost
 Path already in variables with reduced cost -2.0526315789473664 with farkas
 False.
 Farkas Values are [0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, -1.0, 0.0, 0.0, 0.0]
 There are no paths with negative reduced costs
 Dual variables are [6.0625, -5.499999999999997, 2.50000000000000018,
 4.437499999999997, 0.50000000000000027, -1.00000000000000027, 3.8750000000000004,
 6.249999999999999, 4.312499999999998, 5.125000000000001, -0.0]
 t node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 23

Path is currently at node 10 with load 6
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 Labelling found path (0, 7, 5, 7, 10, 7, 10, 7, 9, 11) with negative reduced
 cost
 Added (0, 7, 5, 7, 10, 7, 10, 7, 9, 11) with path weight 51
 There are 1 occurrences of node 5
 There are 4 occurrences of node 7
 There are 1 occurrences of node 9
 There are 2 occurrences of node 10
 Dual variables are [-1.1666666666666667, -15.75, -3.0, -3.0, 7.333333333333333,
 -2.1666666666666668, 17.0, -3.5, -11.0, -6.666666666666666, -0.0]
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PRICER_C: Found path with load 15
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 Labelling found path (0, 7, 8, 7, 8, 7, 8, 7, 8, 7, 11) with negative reduced

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Path is currently at node 7 with load 2
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PRICER_C: Found path with load 29
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2

Path is currently at node 8 with load 5
 PRICER_C: Found path with load 27
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 10 with load 6
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 23
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 21
 Path is currently at node 10 with load 6
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 23
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 20
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 30
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 28
 Path is currently at node 8 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 30
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 27
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node
 7 with load 2
 PRICER_C: Found path with load 30
 Path is currently at node 5 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10

Path is currently at node 8 with load 5
 PRICER_C: Found path with load 22
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 22
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 28
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 29
 Path is currently at noThere are 5 occurrences of node 7
 There are 4 occurrences of node 8
 Dual variables are [2.2083333333333332, -5.25, 9.0, 11.666666666666664,
 -3.6666666666666643, -2.6874999999999982, 6.0, 4.75, 1.0416666666666679, -1.0,
 -0.0]
 de 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 28
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 26
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 26
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 28
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 10 with load 6
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 29
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 29
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2

Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 29
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Capacity is 30
 PRICER_C: There are no paths with negative reduced costs
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 15
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 25
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 21
 Path is currently at node 10 with load 6
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 23
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 20
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 30
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 29
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 27
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 27
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 30
 Path is currently at node 6 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 27
 Path is currently at node 7 with load 2

Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 22
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
PRICER_C: Found path with load 22
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
PRICER_C: Found path with load 28
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 8 with load 5
PRICER_C: Found path with load 26
Path is currently at node 8 with load 5
Path is currently at node 10 with load 6
Path is currently at node 8 with load 5
PRICER_C: Found path with load 29
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 30
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 26
Path is currently at node 10 with load 6
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 26
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 28
Path is currently at node 10 with load 6
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
PRICER_C: Found path with load 28

Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 10 with load 6
 Path is currently at node 8 with load 5
 PRICER_C: Found path with[0 4 5 4 7 8 11 0 0 0 0 0 0 0 0 0 0
 0 0 0 0 0 0
 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0] load 27
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 27
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 29
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 29
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 29
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is curre
 Labelling found path (0, 4, 5, 4, 7, 8, 11) with negative reduced cost
 Added (0, 4, 5, 4, 7, 8, 11) with path weight 26
 There are 2 occurrences of node 4
 There are 1 occurrences of node 5
 There are 1 occurrences of node 7
 ntly at node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 29
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 7

Path is currently at node 7 with load 2
 PRICER_C: Found path with load 11
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 7
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 8
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 8
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 12
 Path is currently at node 5 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 12
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 13
 Path is currently at node 10 with load 6
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 18
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 16
 Path is currently at node 5 with load 5
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 13
 Path is currently at node 7 with load 2
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 9
 Path is currently at node 7 with load 2
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 15
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 13
 Path is currently at node 5 with load 5
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 10
 Path is currently at node 7 with load 2
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 13
 Path is currently at node 8 with load 5
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 14
 Path is currently at node 8 with load 5
 Dual variables are [2.208333333333332, -5.25, 9.0, 11.666666666666664,
 -8.083333333333329, -2.687499999999982, 6.0, 4.75, 1.0416666666666679, -1.0,
 -0.0]
 Path is currently at node 10 with load 6

Path is currently at node 7 with load 2
PRICER_C: Found path with load 20
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
PRICER_C: Found path with load 18
Path is currently at node 5 with load 5
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
PRICER_C: Found path with load 15
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
PRICER_C: Found path with load 18
Path is currently at node 8 with load 5
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
PRICER_C: Found path with load 21
Path is currently at node 9 with load 5
Path is currently at node 5 with load 5
Path is currently at node 10 with load 6
PRICER_C: Found path with load 22
Path is currently at node 10 with load 6
Path is currently at node 5 with load 5
Path is currently at node 10 with load 6
PRICER_C: Found path with load 23
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
PRICER_C: Found path with load 18
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
PRICER_C: Found path with load 18
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
PRICER_C: Found path with load 19
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
PRICER_C: Found path with load 14
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 5 with load 5
PRICER_C: Found path with load 15
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2

Path is currently at node 5 with load 5
 PRICER_C: Found path with load 19
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 20
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 17
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 16
 Path is currently at node 4 with load 6
 Path is currently at node 7 with load 2
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 15
 Path is currently at node 5 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 15
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 15
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at no[0 4 3 4 7 8 11 0 0 0 0 0 0 0 0 0 0 0
 0 0 0 0 0
 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]
 Labelling found path (0, 4, 3, 4, 7, 8, 11) with negative reduced cost
 Added (0, 4, 3, 4, 7, 8, 11) with path weight 36
 de 10 with load 6
 PRICER_C: Found path with load 16
 Path is currently at node 10 with load 6
 Path is currently at node 7 with load 2
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 21
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 16
 Path is currently at node 7 with load 2
 Path is currently at node 10 with load 6
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 24
 Path is currently at node 4 with load 6

Path is currently at node 5 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 25
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
 Path is currently at node 10 with load 6
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 22
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 Path is currently at node 3 with load 7
 There are 1 occurrences of node 3
 There are 2 occurrences of node 4
 There are 1 occurrences of node 7
 There are 1 occurrences of node 8
 Dual variables are [5.125, -5.25, 5.25, 10.0, -4.75, -1.4375, 6.0, 4.75, 1.875, 2.75, -0.0]
 Path is currently at node 10 with load 6
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 21
 Path is currently at node 4 with load 6
 Path is currently at node 7 with load 2
 Path is currently at node 10 with load 6
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 20
 Path is currently at node 5 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 10 with load 6
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 20
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 10 with load 6
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 20
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 10 with load 6
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 21
 Path is currently at node 10 with load 6
 Path is currently at node 7 with load 2
 Path is currently at node 10 with load 6
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 24
 Path is currently at node 7 with load 2
 Path is currently at node 10 with load 6
 Path is currently at node 5 with load 5

Path is currently at node 10 with load 6
PRICER_C: Found path with load 26
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
PRICER_C: Found path with load 25
Path is currently at node 4 with load 6
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
PRICER_C: Found path with load 24
Path is currently at node 5 with load 5
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
PRICER_C: Found path with load 21
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
PRICER_C: Found path with load 17
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 5 with load 5
PRICER_C: Found path with load 21
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
PRICER_C: Found path with load 26
Path is currently at node 1 with load 10
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
PRICER_C: Found path with load 24
Path is currently at node 2 with load 8
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
PRICER_C: Found path with load 23
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
PRICER_C: Found path with load 22
Path is currently at node 4 with load 6

Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
PRICER_C: Found path with load 21
Path is currently at node 5 with load 5
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
PRICER_C: Found path with load 18
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
PRICER_C: Found path with load 21
Path is currently at node 8 with load 5
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
PRICER_C: Found path with load 24
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
PRICER_C: Found path with load 21
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
PRICER_C: Found path with load 22
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
PRICER_C: Found path with load 26
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
PRICER_C: Found path with load 29
Path is currently at node 2 with load 8
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
PRICER_C: Found path with load 28
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6

Path is currently at node 7 with load 2[0 4 10 4 9 7 9 11 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]

Labelling found path (0, 4, 10, 4, 9, 7, 9, 11) with negative reduced cost
Added (0, 4, 10, 4, 9, 7, 9, 11) with path weight 28

Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
PRICER_C: Found path with load 27
Path is currently at node 4 with load 6
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
PRICER_C: Found path with load 26
Path is currently at node 5 with load 5
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
PRICER_C: Found path with load 23
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
PRICER_C: Found path with load 26
Path is currently at node 8 with load 5
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currentThere are 2 occurrences of node 4
There are 1 occurrences of node 7
There are 2 occurrences of node 9
There are 1 occurrences of node 10

Dual variables are [5.574999999999999, -5.25, 6.1499999999999995, 9.55,
-3.85000000000000014, -0.3125, 6.0, 4.75, 0.5249999999999995, 1.8500000000000005,
-0.0]

tly at node 7 with load 2
PRICER_C: Found path with load 26
Path is currently at node 9 with load 5
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
PRICER_C: Found path with load 29
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2

Path is currently at node 10 with load 6
Path is currently at node 5 with load 5
Path is currently at node 10 with load 6
PRICER_C: Found path with load 30
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 5 with load 5
Path is currently at node 10 with load 6
PRICER_C: Found path with load 30
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
PRICER_C: Found path with load 29
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
PRICER_C: Found path with load 27
Path is currently at node 4 with load 6
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
PRICER_C: Found path with load 26
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
PRICER_C: Found path with load 26
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
PRICER_C: Found path with load 27
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
PRICER_C: Found path with load 27
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2

Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 5 with load 5
PRICER_C: Found path with load 25
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 5 with load 5
PRICER_C: Found path with load 22
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 5 with load 5
PRICER_C: Found path with load 22
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 5 with load 5
PRICER_C: Found path with load 23
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 5 with load 5
PRICER_C: Found path with load 27
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
PRICER_C: Found path with load 28
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
PRICER_C: Found path with load 26
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
PRICER_C: Found path with load 25
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2

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Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
PRICER_C: Found path with load 24
Path is currently at node 4 with load 6
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
PRICER_C: Found path with load 23
Path is currently at node 5 with load 5
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
PRICER_C: Found path with load 23
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
PRICER_C: Found pa[ 0 4 6 4 6 4 7 11 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0
    0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]
Labelling found path (0, 4, 6, 4, 6, 4, 7, 11) with negative reduced cost
Added (0, 4, 6, 4, 6, 4, 7, 11) with path weight 32
th with load 23
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
PRICER_C: Found path with load 24
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
PRICER_C: Found path with load 29
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
PRICER_C: Found path with load 27
Path is currently at node 6 with load 5
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2

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Path is currently at node 10 with load 6
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 24
 Path is currently at node 7 with load 2 There are 3 occurrences of node 4
 There are 2 occurrences of node 6
 There are 1 occurrences of node 7
 Dual variables are [5.574999999999999, -5.25, 6.1499999999999995, 9.55,
 -3.85000000000000014, -1.3250000000000001, 6.0, 4.75, 0.5249999999999995,
 1.8500000000000005, -0.0]

Path is currently at node 10 with load 6
 Path is currently at node 7 with load 2
 Path is currently at node 10 with load 6
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 30
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 Path is currently at node 10 with load 6
 Path is currently at node 7 with load 2
 Path is currently at node 10 with load 6
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 29
 Path is currently at node 4 with load 6
 Path is currently at node 7 with load 2
 Path is currently at node 10 with load 6
 Path is currently at node 7 with load 2
 Path is currently at node 10 with load 6
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 28
 Path is currently at node 5 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 10 with load 6
 Path is currently at node 7 with load 2
 Path is currently at node 10 with load 6
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 28
 Path is currently at node 6 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 10 with load 6
 Path is currently at node 7 with load 2
 Path is currently at node 10 with load 6
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 28
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 10 with load 6
 Path is currently at node 7 with load 2
 Path is currently at node 10 with load 6

Path is currently at node 7 with load 2
PRICER_C: Found path with load 28
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
PRICER_C: Found path with load 29
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
PRICER_C: Found path with load 29
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
PRICER_C: Found path with load 25
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 5 with load 5
PRICER_C: Found path with load 29
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
PRICER_C: Found path with load 28
Path is currently at node 6 with load 5
Path is currently at node 5 with load 5
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
PRICER_C: Found path with load 30
Path is currently at node 4 with load 6
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6

Path is currently at node 7 with load 2
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 29
 Path is currently at node 5 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 7 with load 2
 Path is currently at node 10 with load 6
 Path is currently at node 7 with load 2
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 29
 Path is currently at node 6 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 7 with load 2
 Path is currently at node 10 with load 6
 Path is currently at node 7 with load 2
 Path is c[0 4 1 8 7 8 7 11 0 0 0 0 0 0 0 0 0 0 0 0 0 0
 0
 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]currently at node 10 with load 6
 PRICER_C: Found path with load 26
 Path is currently at node 7 with load 2
 Path is currently at node 10 with load 6
 Path is currently at node 7 with load 2
 Path is currently at node 10 with load 6
 Path is currently at node 7 with load 2
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 29
 Path is currently at node 8 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 7 with load 2
 Path is currently at node 10 with load 6
 Path is currently at node 7 with load 2
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 29
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 10 with load 6
 Path is currently at node 7 with load 2
 Path is currently at node 10 with load 6
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 30
 Path is currently at node 10 with load 6
 Path is currently at node 7 with load 2
 Path is currently at node 10 with load 6
 Path is currently at node 7 with load 2
 Path is currently at node 10 with load 6
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 30
 Path is currently at node 8 with load 5

Path is currently at node 7 with load 2
 Path is currently at node 10 with load 6
 Path is currently at node 7 with load 2
 Path is currently at node 10 with load 6
 Path is currently at node 7 with load 2
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 10 with load 6
 Path is currently at node 7 with load 2
 Path is currently at node 10 with load 6
 Path is currently at node 7 with load 2
 Path is currently at node 5 with load 5
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 7
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 17
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 17
 Path is currently at node 5 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 14
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 9
 Path is currently at node 7 with load 2
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 9
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 22
 Path is currently at node 5 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 19
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 24
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 21
 Path is currently at node 3 with load 7
 Path is currently at
 Labelling found path (0, 4, 1, 8, 7, 8, 7, 11) with negative reduced cost

Added (0, 4, 1, 8, 7, 8, 7, 11) with path weight 35
 There are 1 occurrences of node 1
 There are 1 occurrences of node 4
 There are 2 occurrences of node 7
 There are 2 occurrences of node 8
 Dual variables are [5.25, -5.25, 5.5, 8.25, -2.0, 0.5, 6.0, 4.75, 1.5, 2.5, -0.0]
 node 7 with load 2
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 19
 Path is currently at node 5 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 19
 Path is currently at node 6 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 19
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 20
 Path is currently at node 10 with load 6
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 18
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 16
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 14
 Path is currently at node 5 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 14
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 19
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 16
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2

Path is currently at node 8 with load 5
 PRICER_C: Found path with load 14
 Path is currently at node 5 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 14
 Path is currently at node 6 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 14
 Path is currently at node 8 with load 5
 Path is cur[0 3 10 7 8 7 9 11 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
 0
 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]rently at node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 29
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 29
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 26
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 24
 Path is currently at node 5 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 24
 Path is currently at node 6 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 1 with lo
 Labelling found path (0, 3, 10, 7, 8, 7, 9, 11) with negative reduced cost
 Added (0, 3, 10, 7, 8, 7, 9, 11) with path weight 26
 There are 1 occurences of node 3
 There are 2 occurences of node 7
 There are 1 occurences of node 8
 There are 1 occurences of node 9
 There are 1 occurences of node 10
 Dual variables are [5.124999999999999, -5.25000000000000036, 5.249999999999999,
 8.375, -2.25, 0.4375, 6.0000000000000002, 4.749999999999999, 1.2499999999999991,

2.75, -0.0]

ad 10

Path is currently at node 7 with load 2

PRICER_C: Found path with load 24

Path is currently at node 8 with load 5

Path is currently at node 7 with load 2

Path is currently at node 1 with load 10

Path is currently at node 7 with load 2

PRICER_C: Found path with load 25

Path is currently at node 10 with load 6

Path is currently at node 7 with load 2

Path is currently at node 1 with load 10

Path is currently at node 7 with load 2

PRICER_C: Found path with load 29

Path is currently at node 5 with load 5

Path is currently at node 1 with load 10

Path is currently at node 7 with load 2

Path is currently at node 1 with load 10

PRICER_C: Found path with load 26

Path is currently at node 7 with load 2

Path is currently at node 1 with load 10

Path is currently at node 7 with load 2

Path is currently at node 1 with load 10

PRICER_C: Found path with load 24

Path is currently at node 6 with load 5

Path is currently at node 5 with load 5

Path is currently at node 7 with load 2

Path is currently at node 1 with load 10

PRICER_C: Found path with load 21

Path is currently at node 7 with load 2

Path is currently at node 5 with load 5

Path is currently at node 7 with load 2

Path is currently at node 1 with load 10

PRICER_C: Found path with load 21

Path is currently at node 7 with load 2

Path is currently at node 8 with load 5

Path is currently at node 7 with load 2

Path is currently at node 1 with load 10

PRICER_C: Found path with load 16

Path is currently at node 7 with load 2

Path is currently at node 5 with load 5

Path is currently at node 7 with load 2

Path is currently at node 5 with load 5

PRICER_C: Found path with load 16

Path is currently at node 7 with load 2

Path is currently at node 8 with load 5

Path is currently at node 7 with load 2

Path is currently at node 5 with load 5

PRICER_C: Found path with load 16
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
PRICER_C: Found path with load 29
Path is currently at node 6 with load 5
Path is currently at node 5 with load 5
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 30
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
PRICER_C: Found path with load 28
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 5 with load 5
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
PRICER_C: Found path with load 26
Path is currently at node 5 with load 5
Path is currently at node 7 with load 2
Path is currently at node 5 with load 5
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
PRICER_C: Found path with load 26
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
Path is currently at node 5 with load 5
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
PRICER_C: Found path with load 26
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 5 with load 5
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
PRICER_C: Found path with load 26
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 5 with load 5
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
PRICER_C: Found path with load 27

Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 5 with load 5
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
PRICER_C: Found path with load 28
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
PRICER_C: Found path with load 27
Path is currently at node 4 with load 6
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
PRICER_C: Found path with load 26
Path is currently at node 5 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
PRICER_C: Found path with load 26
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
PRICER_C: Found path with load 26
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
PRICER_C: Found path with load 26
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
PRICER_C: Found path with load 27
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
PRICER_C: Found path with load 26

Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
Path is currently at node 5 with load 5
Path is currently at node 7 with load 2
Path is currently at node 5 with load 5
PRICER_C: Found path with load 23
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 5 with load 5
Path is currently at node 7 with load 2
Path is currently at node 5 with load 5
PRICER_C: Found path with load 21
Path is currently at node 5 with load 5
Path is currently at node 7 with load 2
Path is currently at node 5 with load 5
Path is currently at node 7 with load 2
Path is currently at node 5 with load 5
PRICER_C: Found path with load 21
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
Path is currently at node 5 with load 5
Path is currently at node 7 with load 2
Path is currently at node 5 with load 5
PRICER_C: Found path with load 21
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 5 with load 5
Path is currently at node 7 with load 2
Path is currently at node 5 with load 5
PRICER_C: Found path with load 22
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 5 with load 5
Path is currently at node 7 with load 2
Path is currently at node 5 with load 5
PRICER_C: Found path with load 26
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 5 with load 5
PRICER_C: Found path with load 23
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 5 with load 5
PRICER_C: Found path with load 21

Path is currently at node 5 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 21
 Path is currently at node 6 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 21
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at [0 7 8 7 8 7 8 7 8 7 11 0 0 0 0 0 0 0 0
 0 0 0 0
 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0] node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 21
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 22
 Path is currently at node 10 with load 6
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 26
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 23
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Pa
 Labelling found path (0, 7, 8, 7, 8, 7, 8, 7, 8, 7, 11) with negative reduced
 cost
 Path already in variables with reduced cost -0.0 with farkas False.
 Farkas Values are [0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, -1.0, 0.0, 0.0, 0.0]
 There are no paths with negative reduced costs

Dual variables are [-4.8, -10.2, 3.6, 8.8, -9.600000000000001, 1.0, -0.6000000000000001, 13.0, -3.6000000000000014, -5.0, -0.0]th is currently at node 8 with load 5

PRICER_C: Found path with load 21

Path is currently at node 5 with load 5

Path is currently at node 7 with load 2

Path is currently at node 8 with load 5

Path is currently at node 7 with load 2

Path is currently at node 8 with load 5

PRICER_C: Found path with load 21

Path is currently at node 6 with load 5

Path is currently at node 7 with load 2

Path is currently at node 8 with load 5

Path is currently at node 7 with load 2

Path is currently at node 8 with load 5

PRICER_C: Found path with load 21

Path is currently at node 8 with load 5

Path is currently at node 7 with load 2

Path is currently at node 8 with load 5

Path is currently at node 7 with load 2

Path is currently at node 8 with load 5

PRICER_C: Found path with load 21

Path is currently at node 9 with load 5

Path is currently at node 7 with load 2

Path is currently at node 8 with load 5

Path is currently at node 7 with load 2

Path is currently at node 8 with load 5

PRICER_C: Found path with

load 22

Path is currently at node 10 with load 6

Path is currently at node 7 with load 2

Path is currently at node 8 with load 5

Path is currently at node 7 with load 2

Path is currently at node 8 with load 5

PRICER_C: Found path with load 28

Path is currently at node 7 with load 2

Path is currently at node 5 with load 5

Path is currently at node 7 with load 2

Path is currently at node 5 with load 5

Path is currently at node 7 with load 2

Path is currently at node 1 with load 10

PRICER_C: Found path with load 28

Path is currently at node 7 with load 2

Path is currently at node 8 with load 5

Path is currently at node 7 with load 2

Path is currently at node 5 with load 5

Path is currently at node 7 with load 2

Path is currently at node 1 with load 10

PRICER_C: Found path with load 28
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
PRICER_C: Found path with load 23
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 5 with load 5
Path is currently at node 7 with load 2
Path is currently at node 5 with load 5
PRICER_C: Found path with load 23
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 5 with load 5
PRICER_C: Found path with load 27
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
PRICER_C: Found path with load 23
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 5 with load 5
Path is currently at node 7 with load 2
Path is currently at node 5 with load 5
PRICER_C: Found path with load 28
Path is currently at node 5 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2

Path is currently at node 5 with load 5
Path is currently at node 7 with load 2
Path is currently at node 5 with load 5
PRICER_C: Found path with load 28
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 5 with load 5
Path is currently at node 7 with load 2
Path is currently at node 5 with load 5
PRICER_C: Found path with load 28
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 5 with load 5
Path is currently at node 7 with load 2
Path is currently at node 5 with load 5
PRICER_C: Found path with load 28
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 5 with load 5
Path is currently at node 7 with load 2
Path is currently at node 5 with load 5
PRICER_C: Found path with load 29
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
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PRICER_C: Found path with load 30
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
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PRICER_C: Found path with load 29
Path is currently at node 4 with load 6
Path is currently at node 7 with load 2
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 Path is currently at node 7 with load 2
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 PRICER_C: Found path with load 28
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 PRICER_C: Found path with load 28
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 PRICER_C: Found path with load 30
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 Labelling found path (0, 8, 7, 8, 7, 8, 7, 8, 7, 11) with negative reduced cost
 Added (0, 8, 7, 8, 7, 8, 7, 8, 7, 11) with path weight 45
 There are 4 occurrences of node 7
 There are 4 occurrences of node 8
 Dual variables are [-2.5, -6.75, 4.75, 9.375, -10.75, 1.0, -1.75, 13.0, -4.75, -5.0, -0.0]
 is currently at node 7 with load 2
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 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 13
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 PRICER_C: Found path with load 23
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 PRICER_C: Found path with load 20
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PRICER_C: Found path with load 18
Path is currently at node 8 with load 5
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PRICER_C: Found path with load 18
Path is currently at node 9 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 19
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PRICER_C: Found path with load 19
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 Labelling found path (0, 8, 7, 8, 7, 8, 7, 8, 11) with negative reduced cost
 Path already in variables with reduced cost -9.75 with farkas False.
 Farkas Values are [0.0, 0.0, 0.0, 0.0, 0.0, 0.0, -1.0, 0.0, 0.0, 0.0, 0.0]
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 Path is currently at node 4 with load 6
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 PRICER_C: Found path with load 24
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 There are no paths with negative reduced costs
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 PRICER_C: Found path with load 23
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 PRICER_C: Found path with load 29
 Path is currently at nodeDual variables are [-4.8, -10.2, 3.6, 8.8,
 -9.6000000000000001, 1.0, -0.6000000000000001, 13.0, -3.6000000000000014, -5.0,
 -0.0]
 e 6 with load 5
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PRICER_C: Found path with load 13
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PRICER_C: Found path with load 18
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PRICER_C: Found path with load 18
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PRICER_C: Found path with load 19
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 PRICER_C: Found path with load 24
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 Path is currently at node 4 with load 6
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 PRICER_C: Found path with load 25
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 PRICER_C: Found path with load 21
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 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 24
 Path is current
 Labelling found path (0, 8, 7, 8, 7, 8, 7, 8, 7, 11) with negative reduced cost
 Path already in variables with reduced cost -4.600000000000001 with farkas
 False.
 Farkas Values are [0.0, 0.0, 0.0, 0.0, 0.0, 0.0, -1.0, 0.0, 0.0, 0.0, 0.0]
 ly at node 8 with load 5
 Path is currently at node 4 with load 6
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PRICER_C: Found path with load 24
 Path is currently at node 9 with load 5
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 PRIThere are no paths with negative reduced costs
 Dual variables are [-40.0, -63.0, -10.0, -12.0, 12.0, -13.0, 17.0, 13.0, -16.0, -9.5, -0.0]
 CER_C: Found path with load 29
 Path is currently at node 6 with load 5
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PRICER_C: Found path with load 30

Path is currently at node 6 with load 5
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PRICER_C: Found path with load 30
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 PRICER_C: Found path with load 30
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 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 23
 Path is currently at node 3 with load 7
 Path is currently at node 4 with load 6
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 Path is currently at node 10 with load 6

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Path is currently at node 4 with load 6
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Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
PRICER_C: Found path with load 20
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 21
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
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Path is currently at node 4 with load 6
PRICER_C: Found path with load 27
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is cu
Labelling found path (0, 7, 8, 7, 8, 7, 8, 7, 8, 7, 11) with negative reduced
cost
Path already in variables with reduced cost -88.0 with farkas False.
Dual variables are [7.544827586206894, -8.013793103448279, 3.427586206896549,
3.1172413793103395, 0.9862068965517281, -4.151724137931035, 1.5586206896551724,

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5.137931034482756, 5.3310344827586205, 6.793103448275865, -0.0]rrently at node 7
with load 2
PRICER_C: Found path with load 30
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
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PRICER_C: Found path with load 30
Path is currently at node 9 with load 5
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 PRICER_C: Found path with load 27
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 30
 Path
 Added (0, 10, 8, 1, 9, 11) with path weight 21
 There are 1 occurrences of node 1
 There are 1 occurrences of node 8
 There are 1 occurrences of node 9
 There are 1 occurrences of node 10
 Dual variables are [6.2, -5.6, 3.7999999999999999, 3.0000000000000001,
 1.7999999999999999, -2.1999999999999984, 3.6, 5.5999999999999999, 3.8, 5.4, -0.0]
 is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 22
 Path is currently at node 8 with load 5
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 PRICER_C: Found path with load 24

Path is currently at node 6 with load 5
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Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 30
Path is currently at node 3 with load 7
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 PRICER_C: Found path with load 27
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 Path is c[0 8 1 8 7 9 11 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
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 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 30
 Path is currently at node 10 with load 6
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 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 27
 Path is currently at node 8 with lo
 Labelling found path (0, 8, 1, 8, 7, 9, 11) with negative reduced cost
 Added (0, 8, 1, 8, 7, 9, 11) with path weight 23
 There are 1 occurences of node 1
 There are 1 occurences of node 7
 There are 2 occurences of node 8
 There are 1 occurences of node 9
 Dual variables are [7.05263157894737, -5.7894736842105265, 4.36842105263158,
 2.526315789473685, 2.3684210526315788, -1.1578947368421053, 2.8421052631578947,
 4.368421052631579, 4.368421052631579, 5.2105263157894735, -0.0]
 ad 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 27

Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
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Path is currently at node 10 with load 6
PRICER_C: Capacity is 30
PRICER_C: Found path with load 23
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Path is currently at node 4 with load 6
PRICER_C: Found path with load 22
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PRICER_C: Found path with load 20
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Path is currently at node 10 with load 6
PRICER_C: Found path with load 19
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 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 25
 Path is currently at node 10 with load 6
 Path is currently at node 4 with load 6
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 23
 Path is currently at node 10 with load 6
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 23
 Path is currently at node 10 with load 6
 Path is currently at node [0 10 3 10 7 9 11 0 0 0 0 0 0 0 0 0 0
 0 0 0 0 0 0
 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]e 4 with load 6
 Path is currently at node 6 with load 5
 PRICER_C: Found path with load 24
 Path is currently at node 10 with load 6
 Path is currently at node 4 with load 6
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 26
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 24
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 29
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 10 with load 6
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 29
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2

Path is currently at node 10 with load 6
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 24
 Path is currently at node 8 with load 5
 Path is current
 Labelling found path (0, 10, 3, 10, 7, 9, 11) with negative reduced cost
 Added (0, 10, 3, 10, 7, 9, 11) with path weight 21
 There are 1 occurrences of node 3
 There are 1 occurrences of node 7
 There are 1 occurrences of node 9
 There are 2 occurrences of node 10
 tly at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 29
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 30
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 10 with load 6
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 26
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 4 with load 6
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 28
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 7 with load 2
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 28
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Dual variables are [7.526315789473687, -5.894736842105264, 4.684210526315791,
 2.2631578947368407, 2.684210526315791, -1.5789473684210495, 2.421052631578945,
 4.684210526315786, 3.684210526315791, 5.105263157894736, -0.0]
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 28
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 30

There are 1 occurrences of node 8
 There are 2 occurrences of node 10
 Dual variables are [7.5, -5.5, 4.5, 2.5, 2.5, -1.0, 2.5, 4.5, 4.0, 5.0, -0.0]
 currently at node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 29
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 27
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 27
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 30
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 30
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 28
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 28
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2

Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Capacity is 30
 PRICER_C: There are no paths with negative reduced costs
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 11
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 16
 Path is currently at node 8 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 20
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 18
 Path is currently at node 3 with load 7
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 16
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 16
 Path is currently at node 8 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path[0 10 3 10 3 11 0 0 0 0 0 0 0 0 0 0 0 0 0
 0 0 0 0
 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0] with load 12
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 24
 Path is currently at node 3 with load 7
 Path is currently at node 4 with load 6
 Path is currently at node 6 with load 5
 PRICER_C: Found path with load 22
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 6 with load 5
 PRICER_C: Found path with load 22
 Path is currently at node 8 with load 5
 Path is currently at node 4 with load 6

Path is currently at node 6 with load 5
 PRICER_C: Found path with load 23
 Path is currently at node 3 with load 7
 Path is currently at node 8 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 28
 Path is currently at node 4 with load 6
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 6 with load 5
 PRICER_C: Found path with load 29
 Path is currently at node 3 with load 7
 Path is currently at n
 Labelling found path (0, 10, 3, 10, 3, 11) with negative reduced cost
 Added (0, 10, 3, 10, 3, 11) with path weight 14
 There are 2 occurrences of node 3
 There are 2 occurrences of node 10
 Dual variables are [8.194444444444445, -4.722222222222222, 3.277777777777778,
 4.361111111111112, 1.277777777777777, 1.1944444444444429, 2.4444444444444438,
 3.277777777777777, 5.805555555555556, 3.722222222222222, -0.0]
 ode 8 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 6 with load 5
 PRICER_C: Found path with load 29
 Path is currently at node 3 with load 7
 Path is currently at node 4 with load 6
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 27
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 27
 Path is currently at node 8 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 23
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 29
 Path is currently at node 3 with load 7
 Path is currently at node 4 with load 6
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6

PRICER_C: Found path with load 27
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 27
Path is currently at node 8 with load 5
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 23
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 25
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 23
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 19
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 29
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 29
Path is currently at node 4 with load 6
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 29
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6

PRICER_C: Found path with load 29
Path is currently at node 4 with load 6
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 25
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 29
Path is currently at node 10 with load 6
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 25
Path is currently at node 4 with load 6
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 21
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 25
Path is currently at node 10 with load 6
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 30
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 30
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2

Path is currently at node 8 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 30
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load [0 1 9 7 9 7 9 11 0 0 0 0 0 0
 0 0 0 0 0 0 0 0 0 0 0
 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]6
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 30
 Path is currently at node 9 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 26
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 28
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currentl
 Labelling found path (0, 1, 9, 7, 9, 7, 9, 11) with negative reduced costly at
 node 7 with load 2
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 11
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 18
 Path is currently at node 8 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 16
 Path is currently at node 8 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 20
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 18

Path is currently at node 3 with load 7
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 16
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 16
 Path is currently at node 8 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 12
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 24
 Path is currently at node 3 with load 7
 Path
 Added (0, 1, 9, 7, 9, 7, 9, 11) with path weight 24
 There are 1 occurrences of node 1
 There are 2 occurrences of node 7
 There are 3 occurrences of node 9
 Dual variables are [9.999999999999998, -4.0, 3.9999999999999996, 5.0, 1.0, 2.5, 1.0000000000000009, 4.000000000000002, 4.0, 3.0000000000000004, -0.0]
 is currently at node 4 with load 6
 Path is currently at node 6 with load 5
 PRICER_C: Found path with load 22
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 6 with load 5
 PRICER_C: Found path with load 22
 Path is currently at node 8 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 6 with load 5
 PRICER_C: Found path with load 26
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 26
 Path is currently at node 4 with load 6
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 22
 Path is currently at node 4 with load 6
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 23
 Path is currently at node 3 with load 7
 Path is currently at node 8 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 29
 Path is currently at node 6 with load 5

Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 29
Path is currently at node 8 with load 5
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 28
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
PRICER_C: Found path with load 29
Path is currently at node 3 with load 7
Path is currently at node 8 with load 5
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
PRICER_C: Found path with load 29
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 27
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 27
Path is currently at node 8 with load 5
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 29
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 27
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 27
Path is currently at node 8 with load 5
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6

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PRICER_C: Found path with load 28
Path is currently at nod[ 0 6 4 1 9 11 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0
    0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]e 10 with load 6
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 23
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 25
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 23
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 19
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 29
Path is currently at node 7 with load 2
Path is curre
Labelling found path (0, 6, 4, 1, 9, 11) with negative reduced cost
Added (0, 6, 4, 1, 9, 11) with path weight 18
There are 1 occurences of node 1
There are 1 occurences of node 4
There are 1 occurences of node 6
There are 1 occurences of node 9
Dual variables are [10.0, -4.0, 4.0, 5.0, 1.0, -1.0, 1.0000000000000004, 4.0,
4.0, 3.0, -0.0]ntly at node 8 with load 5
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 29
Path is currently at node 4 with load 6
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 29

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Path is currently at node 10 with load 6
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 25
 Path is currently at node 4 with load 6
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 30
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 30
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 30
 Path is currently at node 9 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 26
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Capacity is 30
 PRICER_C: There are no paths with negative reduced costs
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 11
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 16
 Path is currently at node 8 with load 5
 Path is currently at node 4 with load 6

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PRICER_C: Found path with load 20
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 18
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
PRICER_C: Found path with load 16
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 16
Path is currently at node 8 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 12
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 24
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
PRICER_C: Found path with load 22
[ 0 5 4 1 8 11 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]
Labelling found path (0, 5, 4, 1, 8, 11) with negative reduced cost
Added (0, 5, 4, 1, 8, 11) with path weight 17
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
PRICER_C: Found path with load 22
Path is currently at node 8 with load 5
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
PRICER_C: Found path with load 23
Path is currently at node 3 with load 7
Path is currently at node 8 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 28
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
PRICER_C: Found path with load 29
Path is currently at node 3 with load 7
Path is currently at node 8 with load 5
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
PRICER_C: Found path with load 29
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6

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Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 27
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 27
 Path is currently at node 8 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 23
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 29
 Path is currently at node 3 with load 7
 Path is currently at node 4 with load 6
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 27
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path
 There are 1 occurrences of node 1
 There are 1 occurrences of node 4
 There are 1 occurrences of node 5
 There are 1 occurrences of node 8
 Dual variables are [9.999999999999998, -4.0, 3.9999999999999996, 2.0, 1.0,
 2.00000000000000018, 1.0000000000000009, 4.000000000000002, 4.0,
 3.0000000000000004, -0.0]
 with load 27
 Path is currently at node 8 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 23
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 25
 Path is currently at node 3 with load 7
 Path is currently at node 4 with load 6

Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 23
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 19
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 29
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 29
 Path is currently at node 4 with load 6
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 29
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 29
 Path is currently at node 4 with load 6
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 25
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 [0 1 10 3 10 11 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]Path is currently at node 7
 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 29
 Path is currently at node 10 with load 6
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2

Path is currently at node 8 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 25
 Path is currently at node 4 with load 6
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 21
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 25
 Path is currently at node 10 with load 6
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at n
 Labelling found path (0, 1, 10, 3, 10, 11) with negative reduced cost
 Added (0, 1, 10, 3, 10, 11) with path weight 15
 There are 1 occurrences of node 1
 There are 1 occurrences of node 3
 There are 2 occurrences of node 10
 Dual variables are [5.666666666666666, -3.9999999999999982, 4.666666666666666,
 4.333333333333332, 2.0000000000000001, 4.0, 5.666666666666667, 4.666666666666666,
 2.333333333333334, 2.333333333333334, -0.0]
 ode 8 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 30
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 30
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 30
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2

Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 30
 Path is currently at node 9 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 26
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 28
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Capacity is 30
 PRICER_C: There are no paths with negative reduced costs
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 7
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 7
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 7
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 7
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 12
 Path is currently at node 5 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 12
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 12
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 12
 Path is currently at node 5 with load 5

Path is currently at node 8 with load 5
 PRICER_C: Found path with load 9
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 13
 Path is currently at node 10 with load 6
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 12
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 17
 Path is currently at node 5 with load 5
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 14
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 18
 Path is currently at node 10 with load 6
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 19
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 17
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 17
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 18
 Path is currently at node 10[0 1 8 7 8 7 9 11 0 0 0 0 0 0 0 0
 0 0 0 0 0 0 0
 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0] with load 6
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 16
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 14
 Path is currently at node 5 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5

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PRICER_C: Found path with load 14
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
PRICER_C: Found path with load 14
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
PRICER_C: Found path with load 14
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
PRICER_C: Found path with load 15
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at n
Labelling found path (0, 1, 8, 7, 8, 7, 9, 11) with negative reduced cost
Path already in variables with reduced cost -2.6666666666666643 with farkas
False.
Farkas Values are [0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, -1.0, 0.0, 0.0, 0.0]
ode 8 with load 5
PRICER_C: Found path with load 14
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 23
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 21
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 20
Path is currently at node 4 with load 6
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 19
Path is currently at node 5 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 19
Path is currently There are no paths with negative reduced costs
Dual variables are [5.019607843137258, -4.607843137254905, 3.3921568627450966,

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6.421568627450981, -1.9117647058823568, 0.5490196078431406, 2.3725490196078436,
7.470588235294118, 4.745098039215685, 3.2941176470588225, -0.0]

[0 8 1 8 7 9 11 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]at node 6 with load 5

Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 19
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 19
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 20
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 19
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
PRICER_C: Found path with load 20
Path is currently at node 4 with load 6
Path is

Labelling found path (0, 8, 1, 8, 7, 9, 11) with negative reduced cost
Path already in variables with reduced cost -4.078431372549023 with farkas
False.

Farkas Values are [0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, -1.0, 0.0, 0.0]
There are no paths with negative reduced costs
Dual variables are [4.40625, -4.84375, 3.15625, 5.1875, 0.21875, 0.21875, 2.75,
7.1875, 5.5, 3.71875, -0.0] currently at node 5 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
PRICER_C: Found path with load 19
Path is currently at node 6 with load 5
Path is currently at node 5 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
PRICER_C: Found path with load 21
Path is currently at node 3 with load 7
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2

Path is currently at node 8 with load 5
 PRICER_C: Found path with load 19
 Path is currently at node 5 with load 5
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 19
 Path is currently at node 6 with load 5
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 16
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load
 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 20
 Path is currently at node 10 with load 6
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 21
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 20
 Path is currently at node 4 with load 6
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 19
 Path is currently at node 6 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 19
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 19
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 25

Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 24
 Path is currently at node 6 with load 5
 Path is currently at node 5 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 26
 Path is currently at node 3 with load 7
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 24
 Path is currentl[0 1 8 7 9 7 9 11 0 0 0 0 0 0 0 0 0 0 0 0
 0 0 0
 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]
 Labelling found path (0, 1, 8, 7, 9, 7, 9, 11) with negative reduced costly at
 node 5 with load 5
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 24
 Path is currently at node 6 with load 5
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 21
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 25
 Path is currently at node 10 with load 6
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 26
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2

Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 25
 Path is currently at node 4 with load 6
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 24
 Path is currently at node 6 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 24
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 24
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at noPath already in variables with reduced cost -4.09375 with
 farkas False.
 Farkas Values are [0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, -1.0, 0.0]
 There are no paths with negative reduced costs
 Dual variables are [6.125, -5.549999999999999, 2.4500000000000001,
 5.5250000000000002, -0.8250000000000001, 0.2750000000000002, 4.1000000000000001,
 6.174999999999999, 4.149999999999999, 4.549999999999999, -0.0]
 de 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 25
 Path is currently at node 10 with load 6
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 25
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 24

Path is currently at node 6 with load 5
Path is currently at node 5 with load 5
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
PRICER_C: Found path with load 23
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
PRICER_C: Found path with load 22
Path is currently at node 4 with load 6
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
PRICER_C: Found path with load 21
Path is currently at node 5 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
PRICER_C: Found path with load 21
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
PRICER_C: Found path with load 21
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
PRICER_C: Found path with load 21
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
PRICER_C: Found path with load 22
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
PRICER_C: Found path with load 21

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Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 30
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 28
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 27
Path is currently at node 4 with load 6
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 26
Path is currently at node 5 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 26
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load[ 0  1  8  7  8  7 10 11  0  0  0  0  0  0
0  0  0  0  0  0  0  0  0  0  0
    0  0  0  0  0  0  0  0  0  0  0  0  0  0  0] 2
PRICER_C: Found path with load 26
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5

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Path is currently at node 7 with load 2
 PRICER_C: Found path with load 26
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 27
 Path is currently at node 10 with load 6
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 26
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at
 Labelling found path (0, 1, 8, 7, 8, 7, 10, 11) with negative reduced cost
 Added (0, 1, 8, 7, 8, 7, 10, 11) with path weight 27
 There are 1 occurrences of node 1
 There are 2 occurrences of node 7
 There are 2 occurrences of node 8
 There are 1 occurrences of node 10
 Dual variables are [7.236842105263159, -5.105263157894736, 2.8947368421052637,
 5.302631578947368, -0.15789473684210442, 0.4210526315789451, 3.2105263157894726,
 4.618421052631577, 5.039473684210527, 4.105263157894736, -0.0]
 node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 27
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 26
 Path is currently at node 6 with load 5
 Path is currently at node 5 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 28
 Path is currently at node 3 with load 7

Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
PRICER_C: Found path with load 26
Path is currently at node 5 with load 5
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
PRICER_C: Found path with load 26
Path is currently at node 6 with load 5
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
PRICER_C: Found path with load 23
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
PRICER_C: Found path with load 27
Path is currently at node 10 with load 6
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
PRICER_C: Found path with load 28
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 27
Path is currently at node 4 with load 6
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 26

Path is currently at node 6 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 26
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 26
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 28
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 30
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at no[0 1 9 7 9 7 9 11 0 0 0 0 0 0 0 0 0 0 0
 0 0 0 0 0
 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]de 8 with load 5
 PRICER_C: Found path with load 29
 Path is currently at node 4 with load 6
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 28
 Path is currently at node 5 with load 5

Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 28
 Path is currently at node 6 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 28
 Path is
 currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 28
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 29
 Path is currently at node 10 with load 6
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 28
 Path is currently at node 7 with load 2
 Path is currently at nodeLabelling found path (0, 1, 9, 7, 9, 7, 9, 11) with
 negative reduced cost
 Path already in variables with reduced cost -4.776315789473685 with farkas
 False.
 Farkas Values are [0.0, 0.0, -1.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0]e 8
 with load 5
 Path is currently at node 7 with load 2

Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 30
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 15
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 15
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 16
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 23
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 22
 Path is currently at node 10 with
 load 6
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 25
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 21
 Path is currently at node 10 with load 6
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 23
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 21
 Path is currently at node 8 with load 5
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 20
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 20
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 20
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10

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PRICER_C: Found path with load 20
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 2There are no paths with negative reduced costs
Dual variables are [7.333333333333334, -5.333333333333334, 4.333333333333334,
6.166666666666668, -1.166666666666667, -1.0, 2.666666666666666,
4.666666666666666, 4.0, 5.0, -0.0]
0
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 19
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 30
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 28
Path is currently at node 8 with load 5
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 28
Path is currently at node 9 with load 5
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 29
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
PRICER_C: Found path with load 27
Path is currently at node 8 with load 5
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
PRICER_C: Found path with 1[ 0 10  3 10  3 11  0  0  0  0  0  0  0  0  0  0  0
0  0  0  0  0  0  0
  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0]oad 30
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
Path is currently at node 5 with load 5
PRICER_C: Found path with load 27
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 27
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 30

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Path is currently at node 5 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 22
 Path is currently at node 9 with load 5
 Path is currently at no
 Labelling found path (0, 10, 3, 10, 3, 11) with negative reduced cost
 Path already in variables with reduced cost -4.666666666666668 with farkas
 False.
 Dual variables are [3.111111111111111, -1.666666666666665, 9.0,
 8.333333333333332, -0.2222222222222143, -0.499999999999982, 8.0,
 1.555555555555554, -0.4444444444444445, -2.0, -0.0]
 de 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 28
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 26
 Path is currently at node 8 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 26
 Path is currently at node 9 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 22
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 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 29
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 PRICER_C: Found path with load 28
 Path is currently at node 10 with load 6
 Path is currently at node 4 with load 6
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 27
 Path is currently at node 10 with load 6

Path is currently at node 8 with load 5
Path is currently at node 10 with load 6
PRICER_C: Found path with load 28
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 10 with load 6
PRICER_C: Found path with load 28
Path is currently at node 9 with load 5
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PRICER_C: Found path with load 26
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 30
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 30
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 26
Path is currently at node 3 with load 7
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PRICER_C: Found path with load 24
Path is currently at node 8 with load 5
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Path is currently at node 3 with load 7
PRICER_C: Found path with load 26
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Capacity is 30
PRICER_C: Found path with load 23
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 21
Path is currently at node 10 with load 6
Path is currently at node 8 with load 5
PRICER_C: Found path with load 23
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 20
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 20

Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 19
Path is currently at node 10 with load 6
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PRICER_C: Found path with load 30
Path is currently at node 3 with load 7
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PRICER_C: Found path with load 28
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PRICER_C: Found path with load 29
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PRICER_C: Found path with load 27
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Path is currently at node 7 with load 2
PRICER_C: Found path with load 30
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PRICER_C: Found path with load 30
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Path is currently at node 8 with load 5
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 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 23
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 PRICER_C: Found path with load 27
 Path is currently at node 8 with load 5
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 PRICER_C: Found path with load 27
 Path is currently at node 9 with 1[0 7 4 5 4 7 9 11 0 0 0 0 0 0 0
 0 0 0 0 0 0 0 0 0 0
 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]load 5
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 30
 Path is currently at node 5 with load 5
 Path is currently at node 1 with load 10
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 PRICER_C: Found path with load 30
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PRICER_C: Found path with load 30
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 9 with load 5
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Path is currently at node 8 with load 5
PRICER_C: Found path with load 22
Path is currently at node 9 with load 5
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PRICER_C: Found path with load 28
Path is currently at node 3 with load 7
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Path is currently at nod
Labelling found path (0, 7, 4, 5, 4, 7, 9, 11) with negative reduced cost
Added (0, 7, 4, 5, 4, 7, 9, 11) with path weight 31
There are 2 occurences of node 4
There are 1 occurences of node 5
There are 2 occurences of node 7
There are 1 occurences of node 9
Dual variables are [3.111111111111111, -1.6666666666666665, 9.0,
7.583333333333332, 0.2777777777777778, 0.6250000000000001, 8.0,
1.5555555555555554, -0.4444444444444444, -2.0, -0.0]e 8 with load 5
PRICER_C: Found path with load 26
Path is currently at node 8 with load 5
Path is currently at node 10 with load 6
Path is currently at node 8 with load 5
PRICER_C: Found path with load 29
Path is currently at node 10 with load 6
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PRICER_C: Found path with load 26
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Path is currently at node 10 with load 6

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Path is currently at node 3 with load 7
 PRICER_C: Found path with load 24
 Path is currentl
 y at node 8 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 26
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 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 17
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 15
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 23
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 PRICER_C: Found path with load 20
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 19
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 PRICER_C: Found path with load 30
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PRICER_C: Found path with load 30
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PRICER_C: Found path with load 28
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PRICER_C: Found path with load 26
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PRICER_C: Found path with load 28
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Path is currently at node 10 with load 6

Path is currently at node 3 with load 7
 PRICER_C: Found path with load 30
 Path is currently at node 8 with load 5
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 PRICER_C: Found path with load 30
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 PRICER_C: Found path with load 30
 Path is currently at node 6 with load 5
 Path is currently at node 1 with load 10
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 PRICER_C: Found path with load 30
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 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 30
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 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 28
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 8 with load 5
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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]R_C: Found path with load 26
 Path is currently at node 8 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 29
 Path is currently at node 10 with load 6

Path is currently at node 3 with load 7
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 PRICER_C: Found path with load 28
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 PRICER_C: Found path with load 26
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 15
 Path is curr
 Labelling found path (0, 7, 4, 5, 4, 5, 4, 11) with negative reduced cost
 Added (0, 7, 4, 5, 4, 5, 4, 11) with path weight 31
 There are 3 occurrences of node 4
 There are 2 occurrences of node 5
 There are 1 occurrences of node 7
 Dual variables are [3.111111111111111, -1.6666666666666665, 9.0, 7.4,
 0.399999999999999947, 0.89999999999999986, 8.0, 1.5555555555555554,
 -0.44444444444444445, -2.0, -0.0]
 ently at node 9 with load 5
 PRICER_C: Found path with load 23
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 22
 Path is currently at node 10 with load 6
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 25
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 PRICER_C: Found path with load 25
 Path is currently at node 1 with load 10
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 23
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 Path is currently at node 10 with load 6

PRICER_C: Found path with load 22
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 20
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 20
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 30
Path is currently at node 3 with load 7
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Path is currently at node 3 with load 7
PRICER_C: Found path with load 28
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Path is currently at node 3 with load 7
PRICER_C: Found path with load 29
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Path is currently at node 4 with load 6
PRICER_C: Found path with load 30
Path is currently at node 8 with load 5
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PRICER_C: Found path with load 30
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PRICER_C: Found path with load 26
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PRICER_C: Found path with load 27
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PRICER_C: Found path with load 27
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PRICER_C: Found path with load 27
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Path is currently at node 7 with load 2
PRICER_C: Found path with load 30
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Path is currently at node 1 with load 10

Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
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PRICER_C: Found path with load 27
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PRICER_C: Found path with load 30
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PRICER_C: Found path with load 30
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PRICER_C: Found path with load 27
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PRICER_C: Found path with load 30
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PRICER_C: Found path with load 30
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PRICER_C: Found path with load 26
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PRICER_C: Found path with load 26
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Path is currently at node 9 with load 5
PRICER_C: Found path with load 27
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
Path is currently at node 9 with load 5
PRICER_C: Found path with load 22
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PRICER_C: Found path with load 29
Path is currently at node 10 with load 6
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PRICER_C: Found path with load 30
Path is currently at node 1 with load 10
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Path is currently at node 1 with load 10
PRICER_C: Found path with load 30
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PRICER_C: Found path with load 27
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PRICER_C: Found path with load 27
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PRICER_C: Found path with load 29
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
PRICER_C: Capacity is 30
PRICER_C: Found path with load 17
Path is currently at node 3 with load 7
PRICER_C: Found path with load 15
Path is currently at node 8 with load 5
PRICER_C: Found path with load 15
Path is currently at node 9 with load 5
PRICER_C: Found path with load 27
Path is currently at node 1 with load 10
Path is currently at node 3 with load 7
PRICER_C: Found path with load 23

Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 26
 Path is currently at node 1 with load 10
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 21
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 22
 Path is currently at node 10 with load 6
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 25
 Path is currently at node 1 with load 10
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 21
 Path is currently at node 10 with load 6
 Path is currently at node 6 with load 5
 PRICER_C: Found path with load 25
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 21
 Path is currently at node 10 with load 6
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 20
 Path is currently at node 6 with load 5
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 23
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 30
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 PRICER_C: Found path with load 28
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 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 26
 Path is currently at node 9 with load 5
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 27
 Path is currently at node 10 with load 6
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 [0 4 5 4 5 4 7 11 0 0 0 0 0 0 0 0 0 0 0 0 0 0
 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]PRICER_C: Found path with load
 29

Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 30
 Path is currently at node 5 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 6 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 26
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 26
 Path is currently at node 9 with load
 Labelling found path (0, 4, 5, 4, 5, 4, 7, 11) with negative reduced cost
 Added (0, 4, 5, 4, 5, 4, 7, 11) with path weight 28
 There are 3 occurrences of node 4
 There are 2 occurrences of node 5
 There are 1 occurrences of node 7
 Dual variables are [3.111111111111111, -1.6666666666666665, 9.0,
 6.166666666666667, 0.75, 2.75, 8.0, 1.5555555555555554, -0.4444444444444445,
 -2.0, -0.0]
 5
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 28
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 6 with load 5
 PRICER_C: Found path with load 27
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 27
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2

PRICER_C: Found path with load 30
Path is currently at node 5 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 6 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 27
Path is currently at node 7 with load 2
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Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 8 with load 5
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PRICER_C: Found path with load 30
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PRICER_C: Found path with load 28
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PRICER_C: Found path with load 29
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PRICER_C: Found path with load 26
Path is currently at node 8 with load 5
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Path is currently at node 4 with load 6
PRICER_C: Found path with load 26
Path is currently at node 8 with load 5
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Path is currently at node 4 with load 6
PRICER_C: Found path with load 26
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
Path is currently at node 4 with load 6
PRICER_C: Capacity is 30
PRICER_C: Found path with load 17
Path is currently at node 3 with load 7
PRICER_C: Found path with load 15
Path is currently at node 8 with load 5
PRICER_C: Found path with load 15
Path is currently at node 9 with load 5
PRICER_C: Found path with load 27

Path is currently at node 1 with load 10
Path is currently at node 3 with load 7
PRICER_C: Found path with load 23
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 26
Path is currently at node 1 with load 10
Path is currently at node 4 with load 6
PRICER_C: Found path with load 22
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
PRICER_C: Found path with load 25
Path is currently at node 1 with load 10
Path is currently at node 5 with load 5
PRICER_C: Found path with load 25
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 21
Path is currently at node 10 with load 6
Path is currently at node 8 with load 5
PRICER_C: Found path with load 23
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 30
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 29
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
PRICER_C: Found path with load 30
Path is currently at node 5 with load 5
Path is currently at node 1 with load 10
Path is currently at node 5 with load 5
PRICER_C: Found path with load 30
Path is currently at node 6 with load 5
Path is currently at node 1 with load 10
Path is currently at node 5 with load 5
PRICER_C: Found path with load 30
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 5 with load 5
PRICER_C: Found path with load 30
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
Path is currently at node 5 with load 5
PRICER_C: Found path with load 26

Path is currently at node 9 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 27
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 27
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 30
 Path is currently at node 5 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 6 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 27
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 28
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 29
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 26
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 4 with load 6
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 17
 Path is currently at node 3 with load 7
 [0 3 10 3 7 8 7 11 0 0 0 0 0 0 0 0 0 0 0 0 0
 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]PRICER_C: Found path with load

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15
Path is currently at node 8 with load 5
PRICER_C: Found path with load 15
Path is currently at node 9 with load 5
PRICER_C: Found path with load 27
Path is currently at node 1 with load 10
Path is currently at node 3 with load 7
PRICER_C: Found path with load 23
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 25
Path is currently at node 1 with load 10
Path is currently at node 5 with load 5
PRICER_C: Found path with load 25
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 21
Path is currently at node 10 with load 6
Path is currently at node 8 with load 5
PRICER_C: Found path with load 23
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 30
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_
Labelling found path (0, 3, 10, 3, 7, 8, 7, 11) with negative reduced cost
Added (0, 3, 10, 3, 7, 8, 7, 11) with path weight 32
There are 2 occurrences of node 3
There are 2 occurrences of node 7
There are 1 occurrences of node 8
There are 1 occurrences of node 10
Dual variables are [3.111111111111111, -1.6666666666666665, 9.0,
6.166666666666667, 0.75, 2.75, 8.0, 1.5555555555555554, -0.4444444444444445,
-3.5555555555555554, -0.0]
C: Found path with load 28
Path is currently at node 6 with load 5
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 30
Path is currently at node 5 with load 5
Path is currently at node 1 with load 10
Path is currently at node 5 with load 5
PRICER_C: Found path with load 30
Path is currently at node 6 with load 5
Path is currently at node 1 with load 10
Path is currently at node 5 with load 5

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PRICER_C: Found path with load 30
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 5 with load 5
PRICER_C: Found path with load 30
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
Path is currently at node 5 with load 5
PRICER_C: Found path with load 28
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 6 with load 5
PRICER_C: Found path with load 26
Path is currently at node 6 with load 5
Path is currently at node 10 with load 6
Path is currently at node 6 with load 5
PRICER_C: Found path with load 29
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 27
Path is currently at node 6 with load 5
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 27
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 27
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 30
Path is currently at node 5 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 6 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 27
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5

PRICER_C: Found path with load 30
Path is currently at node 9 with load 5
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Path is currently at node 8 with load 5
PRICER_C: Found path with load 28
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
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PRICER_C: Found path with load 26
Path is currently at node 6 with load 5
Path is currently at node 10 with load 6
Path is currently at node 8 with load 5
PRICER_C: Found path with load 29
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Capacity is 30
PRICER_C: Found path with load 20
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 30
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 28
Path is currently at node 6 with load 5
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Path is currently at node 3 with load 7
PRICER_C: Found path with load 29
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
PRICER_C: Found path with load 26
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Path is currently at node 5 with load 5
PRICER_C: Found path with load 28
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Path is currently at node 10 with load 6
Path is currently at node 6 with load 5
PRICER_C: Found path with load 27
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 25
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2

PRICER_C: Found path with load 30
Path is currently at node 6 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 22
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
PRICER_C: Found path with load 22
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
PRICER_C: Found path with load 28
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 8 with load 5
PRICER_C: Found path with load 26
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 24
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
PRICER_C: Found path with load 24
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 29
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 30
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
PRICER_C: Found path with load 28
Path is currently at node 6 with load 5

Path is currently at node 10 with load 6
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 29
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 6 with load 5
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 27
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 29
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 27
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 29
 Path is currently at node 3 with load 7
 Path [0 3 7 3 7 8 7 9 11 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0] is currently at node 10 with
 load 6
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 30
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 29
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 29
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Capacity is 30

PRICER_C: There are no paths with negative reduced costs
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 15
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 21
 Path
 Labelling found path (0, 3, 7, 3, 7, 8, 7, 9, 11) with negative reduced cost
 Added (0, 3, 7, 3, 7, 8, 7, 9, 11) with path weight 42
 There are 2 occurrences of node 3
 There are 3 occurrences of node 7
 There are 1 occurrences of node 8
 There are 1 occurrences of node 9
 Dual variables are [3.111111111111111, -1.6666666666666665, 9.0,
 6.166666666666667, 0.75, 2.75, 8.0, 0.4444444444444445, -0.4444444444444445,
 -2.4444444444444446, -0.0]
 is currently at node 10 with load 6
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 20
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 20
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 30
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 29
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 30
 Path is currently at node 6 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 26
 Path is currently at node 9 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 22

Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 28
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 26
 Path is currently at node 8 with load 5
 Path is currently at node 10 with load 6
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 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 27
 Path is currently at node 10 with load 6
 Path is currently at node 4 with load 6
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 30
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 26
 Path is currently at node 10 with load 6
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 27
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 27
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Capacity is 30
 PRICER_C: There are no paths with negative reduced costs
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 21
 Path is currently at node 10 with load 6
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 20
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 20
 Path is currently at node 9 with load 5

Path is currently at node 1 with load 10
PRICER_C: Found path with load 30
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 29
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
PRICER_C: Found path with load 30
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 22
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
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PRICER_C: Found path with load 28
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 8 with load 5
PRICER_C: Found path with load 26
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Path is currently at node 10 with load 6
Path is currently at node 8 with load 5
PRICER_C: Found path with load 26
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Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 30
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 26
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Path is currently at node 8 with load 5
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Path is currently at node 1 with load 10
PRICER_C: Found path with load 27
Path is currently at node 9 with load 5

Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 27
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 25
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 29
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Capacity is 30
 PRICER_C: There are no paths with negative reduced costs
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 15
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 22
 Path is currently at node 10 with load 6
 Path is current[0 3 7 3 7 3 7 11 0 0 0 0 0 0 0 0 0 0 0 0 0 0
 0 0
 0
 Labelling found path (0, 3, 7, 3, 7, 3, 7, 11) with negative reduced cost
 Added (0, 3, 7, 3, 7, 3, 7, 11) with path weight 50
 There are 3 occurrences of node 3
 There are 3 occurrences of node 7
 Dual variables are [3.2083333333333334, -1.375, 8.958333333333332,
 6.4583333333333334, 0.4583333333333339, 2.4583333333333334, 7.708333333333333,
 1.2083333333333335, -0.25, -2.5416666666666643, -0.0]
 tly at node 4 with load 6
 PRICER_C: Found path with load 25
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 21
 Path is currently at node 10 with load 6
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 23
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 20
 Path is currently at node 8 with load 5

Path is currently at node 1 with load 10
PRICER_C: Found path with load 30
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 29
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
PRICER_C: Found path with load 27
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 27
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 25
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
PRICER_C: Found path with load 30
Path is currently at node 6 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 27
Path is currently at node 7 with load 2
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Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
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Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
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Path is currently at node 1 with load 10
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PRICER_C: Found path with load 22
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PRICER_C: Found path with load 23
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Path is currently at node 7 with load 2

Path is currently at node 8 with load 5
PRICER_C: Found path with load 28
Path is currently at node 3 with load 7
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Path is currently at node 8 with load 5
PRICER_C: Found path with load 26
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PRICER_C: Found path with load 26
Path is currently at node 8 with load 5
Path is currently at node 10 with load 6
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PRICER_C: Found path with load 29
Path is currently at node 10 with load 6
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PRICER_C: Found path with load 26
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PRICER_C: Found path with load 28
Path is currently at node 10 with load 6
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
PRICER_C: Found path with load 28
Path is currently at node 6 with load 5
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
PRICER_C: Found path with load 28
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Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
PRICER_C: Found path with load 28
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2

Path is currently at node 10 with load 6
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 27
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
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 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 27
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
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 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 29
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 29
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 10 with load 6
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 15
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 23
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 21
 Path is currently at node 9 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 22
 Path is currently at node 10 with load 6
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 25
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 21
 Path is currently at node 10 with load 6
 Path is currently at node 8 with load 5

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PRICER_C: Found path with load 23
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 20
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 30
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 29
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
PRICER_C: Found path with load 27
Path is currently at node 8 with load 5
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
PRICER_C: Found path with load 30
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 5 with load 5
PRICER_C: Found path with load 30
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
Path is currently[ 0  2  7  9  7  3 10 11  0  0  0  0  0  0  0  0  0  0  0  0
0  0  0
0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0] at node 5 with load 5
PRICER_C: Found path with load 27
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 27
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 30
Path is currently at node 6 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 27
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5

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PRICER_C: Found path with load 30
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 22
 Path is curre
 Labelling found path (0, 2, 7, 9, 7, 3, 10, 11) with negative reduced cost
 Added (0, 2, 7, 9, 7, 3, 10, 11) with path weight 20
 There are 1 occurences of node 2
 There are 1 occurences of node 3
 There are 2 occurences of node 7
 There are 1 occurences of node 9
 There are 1 occurences of node 10
 Dual variables are [3.2083333333333334, -1.375, 8.958333333333332,
 6.4583333333333334, 0.4583333333333339, 2.4583333333333334, 7.708333333333333,
 1.2083333333333357, -0.25, -2.7499999999999982, -0.0]
 ntly at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 28
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 26
 Path is currently at node 8 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 26
 Path is currently at node 9 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 27
 Path is currently at node 10 with load 6
 Path is currently at node 4 with load 6
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 22
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 22
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 29
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 26

Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 30
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 28
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 29
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 29
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 29
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 PRICER_C: Capacity is 30
 PRICER_C: There are no paths with negative reduced costs
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 23
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 21
 Path is currently at node 9 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 22
 Path is currently at node 10 with load 6
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 25
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 21
 Path is currently at node 10 with load 6
 Path is currently at node 8 with load 5

PRICER_C: Found path with load 23
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 20
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 19
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 19
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 30
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 28
Path is currently at node 8 with load 5
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 29
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
PRICER_C: Found path with load 29
Path is currently at node 3 with load 7
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Path is currently at node 4 with load 6
PRICER_C: Found path with load 27
Path is currently at node 8 with load 5
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
PRICER_C: Found path with load 27
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 30
Path is currently at node 6 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5

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PRICER_C: Found path with load 22
Path is currently at node 9 with[ 0  2  7  3  7  3  7 11  0  0  0  0  0  0  0
0  0  0  0  0  0  0  0
    0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0] load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
PRICER_C: Found path with load 28
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 8 with load 5
PRICER_C: Found path with load 26
Path is currently at node 8 with load 5
Path is currently at node 10 with load 6
Path is currently at node 8 with load 5
PRICER_C: Found path with load 26
Path is currently at node 9 with load 5
Path is currently at node 4 with load 6
Path is currently at node 9 with load 5
PRICER_C: Found path with load 27
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
Path is currently at node 9 with load 5
PRICER_C: Found path with load 29
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 27
Path is currently at node 9 with load 5
Path is currently at node 4 with load 6
Path is currently at no
Labelling found path (0, 2, 7, 3, 7, 3, 7, 11) with negative reduced cost
Added (0, 2, 7, 3, 7, 3, 7, 11) with path weight 39
There are 1 occurences of node 2
There are 2 occurences of node 3
There are 3 occurences of node 7
Dual variables are [3.6666666666666668, -2.0, 9.0, 6.1666666666666668,
0.91666666666666661, 2.9166666666666666, 7.666666666666666, 1.0, -0.0,
-2.333333333333332, -0.0]
de 10 with load 6
PRICER_C: Found path with load 28
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
Path is currently at node 10 with load 6
PRICER_C: Found path with load 28
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 10 with load 6
PRICER_C: Found path with load 28

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Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
Path is currently at node 10 with load 6
PRICER_C: Found path with load 26
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 24
Path is currently at node 9 with load 5
Path is currently at node 4 with load 6
Path is currently at node 10 with load 6
PRICER_C: Found path with load 25
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
Path is currently at node 10 with load 6
PRICER_C: Found path with load 26
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Capacity is 30
PRICER_C: Found path with load 17
Path is currently at node 3 with load 7
PRICER_C: Found path with load 15
Path is currently at node 3 with load 7
PRICER_C: Found path with load 13
Path is currently at node 3 with load 7
PRICER_C: Found path with load 23
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
PRICER_C: Found path with load 19
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 17
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 24
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 20
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
PRICER_C: Found path with load 16
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 15
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
PRICER_C: Found path with load 30

Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 28
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 27
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 23
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
Path is currently at node 7 with load 2
PRICER_C: Found path with load 30
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 30
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
Path is currently at node 1 with load 10
PRICER_C: Found path with load 22
Path is currently at node 7 with load 2
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Path is currently at node 4 with load 6
PRICER_C: Found path with load 26
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Path is currently at node 4 with load 6
PRICER_C: Found path with load 24
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
PRICER_C: Found path with load 29
Path is currently at node 7 with load 2
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 30
Path is currently at node 7 with load 2
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 30
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6

Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 29
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 30
 Path is currently at node 3 with load 7
 Path is currently at node 4 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 28
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 28
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 25
 Path is currently at node 7 with load 2
 Path is currently at n[0 3 10 3 7 9 7 11 0 0 0 0 0 0 0 0 0 0 0
 0 0 0 0 0
 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]ode 4 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 28
 Path is currently at node 9 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 29
 Path is currently at node 10 with load 6
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 Path is currently at node 4 with load 6
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 30
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 30
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10

Path is currently at node 4 with load 6
 PRICER_C: Found path with load 28
 Path is currently at node 7 with load 2
 Path is currently at node 4 with load 6
 Path is c
 Labelling found path (0, 3, 10, 3, 7, 9, 7, 11) with negative reduced cost
 Added (0, 3, 10, 3, 7, 9, 7, 11) with path weight 30
 There are 2 occurrences of node 3
 There are 2 occurrences of node 7
 There are 1 occurrences of node 9
 There are 1 occurrences of node 10
 Dual variables are [3.666666666666668, -2.0, 9.0, 6.166666666666668,
 0.9166666666666661, 2.916666666666666, 7.666666666666666, 1.0, -0.0,
 -3.333333333333332, -0.0]
 urrently at node 3 with load 7
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 29
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 Path is currently at node 3 with load 7
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 27
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
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 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 27
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PRICER_C: Found path with load 30
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PRICER_C: Found path with load 24
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Path is currently at node 4 with load 6
PRICER_C: Found path with load 30
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 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 17
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 15
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 23
 Path is currently at node 3 with load 7
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 19
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 17
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 PRICER_C: Found path with load 24
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PRICER_C: Found path with load 20
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
PRICER_C: Found path with load 16
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 20
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 15
Path is currently at node 3 with load 7
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PRICER_C: Found path with load 30
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PRICER_C: Found path with load 28
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 27
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 30
Path is currently at node 10
Labelling found path (0, 3, 7, 3, 7, 9, 7, 9, 11) with negative reduced cost
Added (0, 3, 7, 3, 7, 9, 7, 9, 11) with path weight 40
There are 2 occurrences of node 3
There are 3 occurrences of node 7
There are 2 occurrences of node 9
Dual variables are [4.166666666666668, -2.0, 9.0, 6.166666666666668,
0.9166666666666661, 2.916666666666666, 7.666666666666666, 1.5, -0.5,
-2.833333333333332, -0.0]
with load 6
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 30
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
Path is currently at node 1 with load 10
PRICER_C: Found path with load 28
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 1 with load 10
PRICER_C: Found path with load 26

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Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 26
 Path is currently at node 10 with load 6
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 Path is currently at node 3 with load 7
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 PRICER_C: Found path with load 24
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 PRICER_C: Found path with load 22
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 PRICER_C: Found path with load 29
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 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 30
 Path is currently at node 3 with load 7
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Path is currently at node 7 with load 2
PRICER_C: Found path with load 28
Path is currently at node 5 with load 5
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Path is currently at node 6 with load 5
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Path is currently at node 7 with load 2
PRICER_C: Found path with load 26
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PRICER_C: Found path with load 30
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Path is currently at node 4 with load 6
PRICER_C: Found path with load 27
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 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 26
 Path is currently at node 7 with load 2
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 Path is current[0 3 7 1 7 3 7 11 0 0 0 0 0 0 0 0 0 0 0 0
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 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 29
 Path is currently at node 9 with load 5
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 PRICER_C: Found path with load 27
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 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 25
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2

Path is currently at node 3 with load 7
 Path
 Labelling found path (0, 3, 7, 1, 7, 3, 7, 11) with negative reduced cost
 Added (0, 3, 7, 1, 7, 3, 7, 11) with path weight 44
 There are 1 occurrences of node 1
 There are 2 occurrences of node 3
 There are 3 occurrences of node 7
 Dual variables are [3.0, -2.0, 9.0, 6.166666666666668, 0.9166666666666661, 2.9166666666666666, 7.666666666666666, 1.5, -0.5, -2.833333333333332, -0.0]
 is currently at node 7 with load 2
 PRICER_C: Found path with load 29
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
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 PRICER_C: Found path with load 27
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 PRICER_C: Found path with load 27
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 PRICER_C: Found path with load 26
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 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 24
 Path is currently at node 6 with load 5
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 PRICER_C: Found path with load 30
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PRICER_C: Found path with load 30
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PRICER_C: Capacity is 30
PRICER_C: Found path with load 17
Path is currently at node 3 with load 7
PRICER_C: Found path with load 15
Path is currently at node 3 with load 7
PRICER_C: Found path with load 23
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PRICER_C: Found path with load 19
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Path is currently at node 7 with load 2
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Path is currently at node 4 with load 6
PRICER_C: Found path with load 16
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 20
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 Path is currently at node 3 with load 7
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 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 29

Path is currently at node 7 with load 2
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 Path is currently at node 3 with load 7
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 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 28
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 Path is currently at n
 Labelling found path (0, 4, 5, 4, 5, 4, 7, 11) with negative reduced cost
 Path already in variables with reduced cost -0.0 with farkas False.
 Dual variables are [8.181818181818182, -5.363636363636363, 2.636363636363636,
 4.840909090909091, -1.1136363636363633, -1.0, 1.5, 5.090909090909091,
 5.590909090909091, 5.636363636363637, -0.0]
 ode 3 with load 7
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 28
 Path is currently at node 6 with load 5
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 Path is currently at node 10 with load 6
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 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 28
 Path is currently at node 7 with load 2
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Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
PRICER_C: Found path with load 30
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
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Path is currently at node 4 with load 6
PRICER_C: Found path with load 30
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
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PRICER_C: Found path with load 28
Path is currently at node 7 with load 2
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Path is currently at node 4 with load 6
PRICER_C: Found path with load 29
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PRICER_C: Found path with load 27
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Path is currently at node 4 with load 6
PRICER_C: Found path with load 27
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
PRICER_C: Found path with load 29
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
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Path is currently at node 4 with load 6
PRICER_C: Found path with load 29
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 26
Path is currently at node 7 with load 2
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 29

Path is currently at node 9 with load 5
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 PRICER_C: Found path with load 30
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 PRICER_C: Found path with load 27
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 PRICER_C: Found path with load 25
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 PRICER_C: Found path with load 29
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 PRICER_C: Found path with load 27
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 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 27
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 Path is currently at node 7 with load 2
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 27
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 24
 Path is currently at node 6 with load 5

Path is currently at node 4 with load 6
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 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 29
 Path is currently at node 7 with load 2
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 30
 Path is currently at node 7 with load 2
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 PRIC
 Labelling found path (0, 9, 1, 8, 10, 11) with negative reduced cost
 Added (0, 9, 1, 8, 10, 11) with path weight 20
 ER_C: Capacity is 30
 PRICER_C: Found path with load 17
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 15
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 19
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 17
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 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 24
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 16
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 20
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 28
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 30
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 There are 1 occurrences of node 1
 There are 1 occurrences of node 8
 There are 1 occurrences of node 9
 There are 1 occurrences of node 10

Dual variables are [7.0285714285714285, -5.228571428571429, 4.685714285714286, 6.385714285714284, -1.2714285714285705, -0.7428571428571411, 3.0857142857142854, 4.5142857142857125, 3.685714285714287, 4.771428571428571, -0.0]

th load 6

Path is currently at node 3 with load 7

PRICER_C: Found path with load 26

Path is currently at node 6 with load 5

Path is currently at node 4 with load 6

Path is currently at node 3 with load 7

PRICER_C: Found path with load 28

Path is currently at node 3 with load 7

Path is currently at node 10 with load 6

Path is currently at node 3 with load 7

PRICER_C: Found path with load 27

Path is currently at node 3 with load 7

Path is currently at node 1 with load 10

Path is currently at node 7 with load 2

PRICER_C: Found path with load 21

Path is currently at node 6 with load 5

Path is currently at node 4 with load 6

Path is currently at node 7 with load 2

PRICER_C: Found path with load 30

Path is currently at node 10 with load 6

Path is currently at node 3 with load 7

Path is currently at node 1 with load 10

PRICER_C: Found path with load 28

Path is currently at node 6 with load 5

Path is currently at node 4 with load 6

Path is currently at node 1 with load 10

PRICER_C: Found path with load 26

Path is currently at node 3 with load 7

Path is currently at node 7 with load 2

Path is currently at node 1 with load 10

PRICER_C: Found path with load 26

Path is currently at node 10 with load 6

Path is currently at node 3 with load 7

Path is currently at node 10 with load 6

PRICER_C: Found path with load 30

Path is currently at node 6 with load 5

Path is currently at node 4 with load 6

Path is currently at node 3 with load 7

Path is currently at node 7 with load 2

PRICER_C: Found path with load 30

Path is currently at node 7 with load 2

Path is currently at node 3 with load 7

Path is currently at node 10 with load 6

Path is currently at node 3 with load 7

PRICER_C: Found path with load 29

Path is currently at node 7 with load 2
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 29
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 27
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 30
 Path is currently at node 3 with load 7
 Path is currently at node 4 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 28
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 26
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 30
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 [0 3 10 4 10 6 11 0 0 0 0 0 0 0 0 0 0 0 0 0 0
 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 28
 Path is currently at node 7 with load 2
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 29
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 29
 Path is currently at node 6 with load 5

Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 26
 Path is currently at node 7 with load 2
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 27
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 7 wLabelling found path (0, 3, 10, 4, 10, 6, 11) with negative reduced cost
 Added (0, 3, 10, 4, 10, 6, 11) with path weight 19
 There are 1 occurrences of node 3
 There are 1 occurrences of node 4
 There are 1 occurrences of node 6
 There are 2 occurrences of node 10
 Dual variables are [7.028571428571427, -5.228571428571427, 4.685714285714286, 6.3857142857142835, -1.2714285714285687, -1.6142857142857103, 3.085714285714287, 4.514285714285713, 3.685714285714286, 4.7714285714285705, -0.0] with load 2
 PRICER_C: Found path with load 25
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 29
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 28
 Path is currently at node 7 with load 2
 Path is currently at node 4 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 27
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 27
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found

path with load 27
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 24
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 29
 Path is currently at node 7 with load 2
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 28
 Path is currently at node 7 with load 2
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 27
 Path is currently at node 7 with load 2
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 29
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 17
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 15
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 19
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 17
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 24
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10

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PRICER_C: Found path with load 16
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 20
Path is currently at node [ 0 10  3 10  3 11  0  0  0  0  0  0  0  0  0  0  0
0  0  0  0  0  0
    0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0]
Labelling found path (0, 10, 3, 10, 3, 11) with negative reduced cost3 with load
7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 28
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 26
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 27
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 23
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
Path is currently at node 7 with load 2
PRICER_C: Found path with load 21
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 7 with load 2
PRICER_C: Found path with load 28
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 1 with load 10
PRICER_C: Found pat
Path already in variables with reduced cost -4.914285714285711 with farkas
False.
Farkas Values are [0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, -1.0, 0.0, 0.0, 0.0]
There are no paths with negative reduced costsh with load 26
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
PRICER_C: Found path with load 30
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 29

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Path is currently at node 7 with load 2
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 29
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 27
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 30
 Path is currently at node 3 with load 7
 Path is curr
 Dual variables are [6.818181818181817, -5.181818181818182, 4.545454545454545,
 6.409090909090907, -1.3181818181818166, -1.590909090909089, 3.2727272727272734,
 4.818181818181818, 3.545454545454546, 4.818181818181818, -0.0]
 ently at node 4 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 28
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 26
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 30
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 24
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 28
 Path is currently at node 7 with load 2
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10

PRICER_C: Found path with load 29
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 29
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 26
Path is currently at node 7 with load 2
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 27
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 25
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 23
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 29
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 27
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 24
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 29
Path is currently at node 7 with load 2
Path is currently at node 3 with load 7

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Path is currently at node 7 with load 2
Path is currently at[ 0 3 10 4 10 6 11 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0
    0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0] node 2 with load 8
Path is currently at node 7 with load 2
PRICER_C: Found path with load 30
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 4 with load 6
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 30
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 4 with load 6
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 28
Path is currently at node 7 with load 2
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 27
Path is currently at node 7 with load 2
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
PRIC
Labelling found path (0, 3, 10, 4, 10, 6, 11) with negative reduced cost
Path already in variables with reduced cost -0.0 with farkas False.
Dual variables are [2.0000000000000001, -8.333333333333334, -6.666666666666666,
2.666666666666666, -1.166666666666666, -1.0, -0.666666666666667,
1.6666666666666665, 4.333333333333333, 12.0, -0.0]
ER_C: Found path with load 29
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 29
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 30

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Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 30
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
PRICER_C: Capacity is 30
PRICER_C: Found path with load 17
Path is currently at node 3 with load 7
PRICER_C: Found path with load 15
Path is currently at node 3 with load 7
PRICER_C: Found path with load 19
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 17
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 24
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 16
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 20
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 28
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 30
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 26
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 28
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6

Path is currently at node 3 with load 7
PRICER_C: Found path with load 27
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 21
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 7 with load 2
PRICER_C: Found path with load 28
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 1 with load 10
PRICER_C: Found path with load 26
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
PRICER_C: Found path with load 26
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 30
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 29
Path is currently at node 7 with load 2
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 29
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 27
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
PRICER_C: Found path with load 30
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 28
Path is currently at node 6 with load 5

Path is currently at node 4 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 26
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 30
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 24
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 28
 Path is currently at node 7 with load 2
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 29
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 29
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 26
 Path is currently at node 7 with load 2
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 27
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 25
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 Path is currentl[0 10 6 10 7 10 8 11 0 0 0 0 0 0 0 0 0 0 0 0
 0 0 0

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0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]y at node 3 with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 29
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 27
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 27
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 24
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 29
Path is currently at node 7 with load 2
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path
Labelling found path (0, 10, 6, 10, 7, 10, 8, 11) with negative reduced cost
Added (0, 10, 6, 10, 7, 10, 8, 11) with path weight 29
There are 1 occurrences of node 6
There are 1 occurrences of node 7
There are 1 occurrences of node 8
There are 3 occurrences of node 10
Dual variables are [2.238095238095239, -8.333333333333334, -6.666666666666666,
6.047619047619047, -4.547619047619047, -4.3809523809523805, -4.285714285714286,
1.6666666666666665, 4.095238095238095, 12.0, -0.0]
is currently at node 2 with load 8
Path is currently at node 7 with load 2
PRICER_C: Found path with load 28
Path is currently at node 7 with load 2
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 30
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2

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Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 27
Path is currently at node 7 with load 2
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
PRICER_C: Capacity is 30
PRICER_C: Found path with load 17
Path is currently at node 3 with load 7
PRICER_C: Found path with load 15
Path is currently at node 3 with load 7
PRICER_C: Found path with load 23
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
PRICER_C: Found path with load 19
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 17
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 24
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 20
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
PRICER_C: Found path with load 16
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 20
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 28
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 30
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 26
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 28
Path is currently at node 3 with load 7

Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 24
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
PRICER_C: Found path with load 27
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 21
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 7 with load 2
PRICER_C: Found path with load 28
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 1 with load 10
PRICER_C: Found path with load 26
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
PRICER_C: Found path with load 29
Path is currently at node 7 with load 2
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 29
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 27
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
PRICER_C: Found path with load 30
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 28
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 26

Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 30
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 24
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 29
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 29
 Path is currently at node 6 with load 5
 Path is currently at node 4 with 1[0 10 8 10 4 5 11 0 0 0 0 0 0 0 0
 0 0 0 0 0 0 0 0 0 0
 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]load 6
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 26
 Path is currently at node 7 with load 2
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 29
 Path is currently at node 9 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 27
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 25
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 29
 Path is currently at node 3 with load 7

Path is currently at node 10 with load 6
 Path is currently at no
 Labelling found path (0, 10, 8, 10, 4, 5, 11) with negative reduced cost
 Added (0, 10, 8, 10, 4, 5, 11) with path weight 27
 There are 1 occurrences of node 4
 There are 1 occurrences of node 5
 There are 1 occurrences of node 8
 There are 2 occurrences of node 10
 Dual variables are [2.238095238095239, -8.333333333333334, -6.666666666666666,
 6.047619047619047, -4.7142857142857135, -4.3809523809523805, -4.285714285714286,
 1.6666666666666665, 4.095238095238095, 12.0, -0.0]
 de 3 with load 7
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 27
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 27
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 27
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 24
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 29
 Path is currently at node 7 with load 2
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 28
 Path is currently at node 7 with load 2
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 30
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7

Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
PRICER_C: Capacity is 30
PRICER_C: Found path with load 17
Path is currently at node 3 with load 7
PRICER_C: Found path with load 15
Path is currently at node 3 with load 7
PRICER_C: Found path with load 23
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
PRICER_C: Found path with load 19
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 17
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 24
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 20
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
PRICER_C: Found path with load 16
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 20
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 28
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 30
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 26
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 28
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 24
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6

Path is currently at node 5 with load 5
 PRICER_C: Found path with load 27
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
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 PRICER_C: Found path with load 21
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 28
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 26
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 29
 Path is currently at node 7 with load 2
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 e 3 with load 7
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 29
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
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 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 27
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
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 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 30
 Path is currently at node 3 with load 7
 Path is currently at node 4 with load 6
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 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 28
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 26
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2

Path is currLabelling found path (0, 10, 4, 10, 8, 10, 11) with negative reduced cost
 Added (0, 10, 4, 10, 8, 10, 11) with path weight 26
 There are 1 occurrences of node 4
 There are 1 occurrences of node 8
 There are 3 occurrences of node 10
 Dual variables are [1.9565217391304355, -7.347826086956522, -7.652173913043478, 2.9130434782608696, -1.4130434782608696, -0.26086956521739113, -0.8695652173913047, -12.91304347826087, 5.521739130434782, 12.0, -0.0]
 ently at node 3 with load 7
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 30
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 24
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 24
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 29
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 29
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 26
 Path is currently at node 7 with load 2
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 29
 Path is currently at node 9 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 27
 Path is currently at node 6 with load 5

Path is currently at node 4 with load 6
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 25
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 29
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 29
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 27
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 27
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 27
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 24
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 29
Path is currently at node 7 with load 2
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
PRICER_C: Found path with load 28
Path is currently at node 7 with load 2
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2

Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
PRICER_C: Capacity is 30
PRICER_C: Found path with load 17
Path is currently at node 3 with load 7
PRICER_C: Found path with load 23
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
PRICER_C: Found path with load 19
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 17
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 24
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 20
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
PRICER_C: Found path with load 18
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 16
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 20
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 28
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 30
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Path is currently at node 3 with load 7
PRICER_C: Found path with load 27
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PRICER_C: Found path with load 30
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 28
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6

Path is currently at node 1 with load 10
 PRICER_C: Found path with load 26
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 26
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 22
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 29
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 28
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 30
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 29
 Path is currently at node 5 with load 5
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 PRICER_C: Found path with load 29
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 PRICER_C: Found path with load 29
 Path is currently at node 9 with load 5
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 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 28
 Path is currently at node 3 with load 7
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 Path is currentl[0 10 6 10 7 10 7 11 0 0 0 0 0 0 0 0 0 0 0 0
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Path is currently at node 7 with load 2
PRICER_C: Found path with load 27
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 25
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 29
Path is currently at node 3 with load 7
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Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 27
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 27
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 3 with load 7
Pat
Labelling found path (0, 10, 6, 10, 7, 10, 7, 11) with negative reduced cost
Added (0, 10, 6, 10, 7, 10, 7, 11) with path weight 33
There are 1 occurrences of node 6
There are 2 occurrences of node 7
There are 3 occurrences of node 10
Dual variables are [1.434782608695654, -7.521739130434785, -7.478260869565215,
2.8695652173913055, -1.3695652173913055, -0.3913043478260865,
-1.304347826086957, -12.869565217391305, 5.782608695652173, 12.0, -0.0]
h is currently at node 10 with load 6
PRICER_C: Found path with load 27
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 27
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 27
Path is currently at node 6 with load 5

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Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 24
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 30
Path is currently at node 7 with load 2
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 29
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Capacity is 30
PRICER_C: Found path with load 17
Path is currently at node 3 with load 7
PRICER_C: Found path with load 23
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
PRICER_C: Found path with load 19
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 17
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 24
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 20
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
PRICER_C: Found path with load 18
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 16
Path is currently at node 3 with load 7
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PRICER_C: Found path with load 28

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PRICER_C: Found path with load 26
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Path is currently at node 1 with load 10
PRICER_C: Found path with load 22
Path is currently at node 6 with load 5
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PRICER_C: Found path with load 29
Path is currently at node 3 with load 7
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PRICER_C: Found path with load 28
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PRICER_C: Found path with load 30
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Path is currently at node 7 with load 2
PRICER_C: Found path with load 29
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
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Path is currently at node 4 with load 6
PRICER_C: Found path with load 29
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PRICER_C: Found path with load 29
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Path is currently at node 4 with load 6
PRICER_C: Found path with load 28
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
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Path is currently at node 7 with load 2
PRICER_C: Found path with load 27
Path is currently at node 6 with load 5
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Path is currently at node 7 with load 2
PRICER_C: Found path with load 25
Path is currently at node 3 with load 7
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PRICER_C: Found path with load 29
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Path is currently at node 10 with load 6
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PRICER_C: Found path with load 23
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PRICER_C: Found path with load 27
Path is currently at node 9 with load 5
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PRICER_C: Found path with load 27
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 29
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PRICER_C: Found path with load 27
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Path is currently at node 4 with load 6
PRICER_C: Found path with load 27
Path is currently at node 6 with load 5

Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 24
 Path is currently at node 6 with load 5
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 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 30
 Path is currently at node 7 with load 2
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 29
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 Path is currently at node 7 with load 2
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 30
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0] is currently at node 7 with
 load 2
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 17
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 23
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 PRICER_C: Found path with load 19
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 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 24
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 20
 Path is currently at node 3 with load 7
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 18

Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 16
 Path is currently at node 3 with load 7
 Path is currently at node
 Labelling found path (0, 10, 6, 10, 7, 10, 6, 11) with negative reduced cost
 Added (0, 10, 6, 10, 7, 10, 6, 11) with path weight 26
 There are 2 occurrences of node 6
 There are 1 occurrences of node 7
 There are 3 occurrences of node 10
 Dual variables are [-4.4999999999999964, -9.5, -5.5, 2.3750000000000001,
 -0.8750000000000009, -1.8749999999999991, -6.249999999999998, -12.375,
 8.749999999999998, 12.0, -0.0]
 7 with load 2
 PRICER_C: Found path with load 20
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 28
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 30
 Path is currently at node 3 with load 7
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 PRICER_C: Found path with load 27
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 PRICER_C: Found path with load 30
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 PRICER_C: Found path with load 26
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 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 22
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 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 29
 Path is currently at node 7 with load 2
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Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 29
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 28
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
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PRICER_C: Found path with load 30
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 28
Path is currently at node 7 with load 2
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
PRICER_C: Found path with load 30
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
PRICER_C: Found path with load 29
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 29
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 28
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 27
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 25

Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 29
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 27
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 27
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 27
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 29
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 27
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 27
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 24
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 30
Path is currently at node 7 with load 2
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2

Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Capacity is 30
PRICER_C: Found path with load 23
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
PRICER_C: Found path with load 19
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 17
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 24
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 20
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
PRICER_C: Found path with load 18
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 16
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 20
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 27
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 28
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 1 with load 10
PRICER_C: Found path with load 26
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
PRICER_C: Found path with load 22
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
PRICER_C: Found path with load 29
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2

Path is currently at node 7 with load 2
PRICER_C: Found path with load 25
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 29
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 27
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 27
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 27
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 29
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 27
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 27
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 24
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 30
Path is currently at node 7 with load 2

Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 15
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 15
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 16
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 23
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 22
 Path is currently at node 10 with load 6
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 25
 Path is currently at node 1 with load 10
 Path is current[0 10 4 10 7 10 7 11 0 0 0 0 0 0 0 0 0 0 0 0
 0 0 0
 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]
 Labelling found path (0, 10, 4, 10, 7, 10, 7, 11) with negative reduced cost
 Added (0, 10, 4, 10, 7, 10, 7, 11) with path weight 35
 There are 1 occurrences of node 4
 There are 2 occurrences of node 7
 There are 3 occurrences of node 10
 Dual variables are [3.285714285714286, -11.714285714285715, -3.2857142857142856,
 2.4285714285714284, -0.9285714285714284, -4.142857142857143,
 -1.7142857142857142, -12.428571428571429, 2.0, 12.0, -0.0]
 ly at node 8 with load 5
 PRICER_C: Found path with load 21
 Path is currently at node 10 with load 6
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 23
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 20
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 20
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 20
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 20
 Path is currently at node 9 with load 5

Path is currently at node 1 with load 10
PRICER_C: Found path with load 30
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 28
Path is currently at node 8 with load 5
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 29
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
PRICER_C: Found path with load 27
Path is currently at node 8 with load 5
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
PRICER_C: Found path with load 30
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
Path is currently at node 5 with load 5
PRICER_C: Found path with load 27
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 27
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 30
Path is currently at node 5 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 6 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 27
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10

Path is currently at node 8 with load 5
 PRICER_C: Found path with load 28
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 26
 Path is currently at node 6 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 26
 Path is currently at node 8 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 26
 Path is currently at node 9 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 26
 Path is currently at node 9 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 27
 Path is currently at node 10 with load 6
 Path is currently at node 4 with load 6
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 22
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 29
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 27
 Path is currently at node 9 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load [0 10 4 10 7 10 7 11 0 0 0 0 0 0 0 0
 0 0 0 0 0 0 0 0
 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]
 Labelling found path (0, 10, 4, 10, 7, 10, 7, 11) with negative reduced cost
 Path already in variables with reduced cost -0.0 with farkas False.
 Dual variables are [10.0, -6.0, 9.0, 7.5, -4.5, -4.5, 2.0, 4.0, 5.0, 1.0, -0.0]
 28
 Path is currently at node 10 with load 6
 Path is currently at node 4 with load 6
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 30

Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 26
Path is currently at node 10 with load 6
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 30
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 26
Path is currently at node 10 with load 6
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Capacity is 30
PRICER_C: Found path with load 23
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 23
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
PRICER_C: Found path with load 21
Path is currently at node 9 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 22
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
PRICER_C: Found path with load 25
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 21
Path is currently at node 10 with load 6
Path is currently at node 8 with load 5
PRICER_C: Found path with load 23
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 20
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 19
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 19
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 30
Path is currently at node 3 with load 7

Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 28
Path is currently at node 8 with load 5
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 29
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
PRICER_C: Found path with load 29
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
PRICER_C: Found path with load 27
Path is currently at node 8 with load 5
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
PRICER_C: Found path with load 27
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 30
Path is currently at node 6 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 22
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
PRICER_C: Found path with load 28
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 8 with load 5
PRICER_C: Found path with load 26
Path is currently at node 8 with load 5
Path is currently at node 10 with load 6
Path is currently at node 8 with load 5
PRICER_C: Found path with load 26
Path is currently at node 9 with load 5

Path is currently at node 4 with load 6
Path is currently at node 9 with load 5
PRICER_C: Found path with load 27
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
Path is currently at node 9 with load 5
PRICER_C: Found path with load 29
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 27
Path is currently at node 9 with load 5
Path is currently at node 4 with load 6
Path is currently at node 10 with load 6
PRICER_C: Found path with load 28
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
Path is currently at node 10 with load 6
PRICER_C: Found path with load 28
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 10 with load 6
PRICER_C: Found path with load 28
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
Path is currently at node 10 with load 6
PRICER_C: Found path with load 26
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 24
Path is currently at node 9 with load 5
Path is currently at node 4 with load 6
Path is currently at node 10 with load 6
PRICER_C: Found path with load 25
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
Path is currently at node 10 with load 6
PRICER_C: Found path with load 26
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 30
Path is currently at node 6 with load 5
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
Path is currently at node 10 with load 6
PRICER_C: Capacity is 30

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PRICER_C: Found path with load 23
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 23
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
PRICER_C: Found path with load 21
Path is currently at node[ 0 3 10 3 10 11 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0
    0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]
9 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 22
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
PRICER_C: Found path with load 25
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 21
Path is currently at node 10 with load 6
Path is currently at node 8 with load 5
PRICER_C: Found path with load 23
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 20
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 19
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 19
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 30
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at nodeLabelling found path (0, 3, 10, 3, 10, 11) with
negative reduced cost
Path already in variables with reduced cost -7.0 with farkas False.
Dual variables are [-3.0, -3.75, 0.75, 1.375, 0.3333333333333333,
-1.3333333333333333, -2.75, 5.666666666666666, 11.0, 6.0, -0.0] 3 with load 7
PRICER_C: Found path with load 28
Path is currently at node 8 with load 5
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 29
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7

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Path is currently at node 4 with load 6
 PRICER_C: Found path with load 29
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 27
 Path is currently at node 8 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 27
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 30
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 30
 Path is currently at
 node 9 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 22
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 28
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 26
 Path is currently at node 8 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 26
 Path is currently at node 9 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 27
 Path is currently at node 10 with load 6
 Path is currently at node 4 with load 6
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 29
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 27
 Path is currently at node 9 with load 5

Path is currently at node 4 with load 6
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 28
 Path is currently at node 10 with load 6
 Path is currently at node 4 with load 6
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 28
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 28
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 26
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 24
 Path is currently at node 9 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 25
 Path is currently at node 10 with load 6
 Path is currently at node 4 with load 6
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 26
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Capacity is 30
 PRICER_C: There are no paths with negative reduced costs
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 23
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 22
 Path is currently at node 10 with load 6
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 25
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 21
 Path is currently at node 10 with load 6
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 23
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6

PRICER_C: Found path with load 20
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 19
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 19
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 30
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 28
Path is currently at node 8 with load 5
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 29
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
PRICER_C: Found path with load 29
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
PRICER_C: Found path with load 27
Path is currently at node 8 with load 5
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
PRICER_C: Found path with load 27
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 30
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 22
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
PRICER_C: Found path with load 28
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6

Path is currently at node 8 with load 5
PRICER_C: Found path with load 26
Path is currently at node 8 with load 5
Path is currently at node 10 with load 6
Path is currently at node 8 with load 5
PRICER_C: Found path with load 27
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
Path is currently at node 9 with load 5
PRICER_C: Found path with load 29
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 27
Path is currently at node 9 with load 5
Path is currently at node 4 with load 6
Path is currently at node 10 with load 6
PRICER_C: Found path with load 28
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Path is currently at node 4 with load 6
Path is currently at node 10 with load 6
PRICER_C: Found path with load 28
Path is currently at node 8 with load 5
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Path is currently at node 10 with load 6
PRICER_C: Found path with load 28
Path is currently at node 9 with load 5
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PRICER_C: Found path with load 26
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Path is currently at node 10 with load 6
PRICER_C: Found path with load 24
Path is currently at node 9 with load 5
Path is currently at node 4 with load 6
Path is currently at node 10 with load 6
PRICER_C: Found path with load 25
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
Path is currently at node 10 with load 6
PRICER_C: Found path with load 26
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 29
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2

Path is currently at node 10 with load 6
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 30
 Path is currently at node 6 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 4 with load 6
 Path is currently at node 10 with load 6
 PRICER_C: Capacity is 30
 PRICER_C: Found path wi[0 9 4 9 7 9 7 9 11 0 0 0 0 0 0 0 0 0
 0 0 0 0 0
 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]
 Labelling found path (0, 9, 4, 9, 7, 9, 7, 9, 11) with negative reduced cost
 Added (0, 9, 4, 9, 7, 9, 7, 9, 11) with path weight 31
 There are 1 occurrences of node 4
 There are 2 occurrences of node 7
 There are 4 occurrences of node 9
 Dual variables are [-3.0, -3.75, 0.75, -7.5, 0.3333333333333333,
 -1.3333333333333333, -2.75, 5.666666666666666, 11.0, 6.0, -0.0]
 th load 16
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 22
 Path is currently at node 10 with load 6
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 19
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 18
 Path is currently at node 10 with load 6
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 17
 Path is currently at node 10 with load 6
 Path is currently at node 6 with load 5
 PRICER_C: Found path with load 14
 Path is currently at node 10 with load 6
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 27
 Path is currently at node 9 with load 5
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 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 28
 Path is currently at node 10 with load 6
 Path is currently at node 4 with load 6
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 27
 Path is currently at node 6 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 27

Path is currently at node 8 with load 5
Path is currently at node 10 with load 6
Path is currently at node 1 with load 10
PRICER_C: Found path with load 27
Path is currently at node 9 with load 5
Path is currently at node 10 with load 6
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PRICER_C: Found path with load 24
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Path is currently at node 3 with load 7
PRICER_C: Found path with load 28
Path is currently at node 1 with load 10
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
PRICER_C: Found path with load 25
Path is currently at node 3 with load 7
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PRICER_C: Found path with load 24
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PRICER_C: Found path with load 23
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PRICER_C: Found path with load 23
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Path is currently at node 4 with load 6
PRICER_C: Found path with load 24
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 6 with load 5
PRICER_C: Found path with load 22
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Path is currently at node 6 with load 5
PRICER_C: Found path with load 22

Path is currently at node 8 with load 5
Path is currently at node 10 with load 6
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PRICER_C: Found path with load 22
Path is currently at node 9 with load 5
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Path is currently at node 6 with load 5
PRICER_C: Found path with load 19
Path is currently at node 6 with load 5
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
PRICER_C: Found path with load 19
Path is currently at node 9 with load 5
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
PRICER_C: Found path with load 30
Path is currently at node 10 with load 6
Path is currently at node 6 with load 5
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 29
Path is currently at node 5 with load 5
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PRICER_C: Found path with load 29
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PRICER_C: Found path with load 30
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
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Path is currently at node 4 with load 6
PRICER_C: Found path with load 29
Path is currently at node 10 with load 6
Path is currently at node 6 with load 5
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
PRICER_C: Found path with load 26
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Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
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PRICER_C: Found path with load 28
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6

Path is currently at node 10 with load 6
 Path is currently at node 6 with load 5
 PRICER_C: Found path with load 28
 Path is currently at node 9 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 10 with load 6
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 PRICER_C: Found path with load 28
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 PRICER_C: Found path with load 25
 Path is currently at node 10 with load 6
 Path is currently at node 7 with load 2
 Path is currently at node 10 with load 6
 Path is currently at node 6 with load 5
 PRICER_C: Found path with load 28
 Path is currently at node 7 with load 2
 Path is currently at node 10 with load 6
 Path is currently at node 7 with load 2
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 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 30
 Path is currently at node 7 with load 2
 Path is currently at node 10 with load 6
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 Path is currently at node 6 with 1[0 9 7 9 7 9 7 9 11 0 0 0 0 0 0
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 PRICER_C: Found path with load 30
 Path is currently at node 6 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 7 with load 2
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 Path is currently at node 6 with load 5
 PRICER_C: Found path with load 27
 Path is currently at node 7 with load 2
 Path is currently at node 10 with load 6
 Path is currently at node 7 with load 2
 Path is currently at node 10 with load 6
 Path is currently at node 6 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 8 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 7 with load 2
 Path is currently at node 10 with load 6

Path is currently at node 6 with load 5
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 16
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 12
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 22
 Path is currently at node 10 with load 6
 Path is currently at node 4 with loa
 Labelling found path (0, 9, 7, 9, 7, 9, 7, 9, 11) with negative reduced cost
 Added (0, 9, 7, 9, 7, 9, 7, 9, 11) with path weight 29
 There are 3 occurrences of node 7
 There are 4 occurrences of node 9
 Dual variables are [-3.0, -4.333333333333334, 1.333333333333334, -3.0,
 0.333333333333333, -1.333333333333333, -5.0, 5.666666666666666, 11.0, 6.0,
 -0.0]
 d 6
 PRICER_C: Found path with load 17
 Path is currently at node 9 with load 5
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 17
 Path is currently at node 10 with load 6
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 22
 Path is currently at node 10 with load 6
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 17
 Path is currently at node 9 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 18
 Path is currently at node 10 with load 6
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 17
 Path is currently at node 10 with load 6
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 27
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PRICER_C: Found path with load 28
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 PRICER_C: Found path with load 26
 Path is currently at node 7 with load 2
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 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 29
 Pat[0 9 5 9 5 9 6 11 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]
 Labelling found path (0, 9, 5, 9, 5, 9, 6, 11) with negative reduced cost
 Added (0, 9, 5, 9, 5, 9, 6, 11) with path weight 31
 There are 2 occurrences of node 5
 There are 1 occurrences of node 6
 There are 3 occurrences of node 9
 Dual variables are [-3.0, -4.333333333333334, 1.333333333333334, -3.0,
 -0.3333333333333337, -1.333333333333333, -5.0, 5.666666666666666, 11.0, 6.0,
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 h is currently at node 8 with load 5
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 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 29
 Path is currently at node 9 with load 5
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Path is currently at node 4 with load 6
PRICER_C: Found path with load 29
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PRICER_C: Found path with load 30
Path is currently at node 10 with load 6
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Path is currently at node 4 with load 6
PRICER_C: Found path with load 29
Path is currently at node 10 with load 6
Path is currently at node 8 with load 5
Path is currently at node 10 with load 6
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PRICER_C: Found path with load 28
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
Path is currently at node 10 with load 6
Path is currently at node 8 with load 5
PRICER_C: Capacity is 30
PRICER_C: Found path with load 16
Path is currently at node 10 with load 6
PRICER_C: Found path with load 12
Path is currently at node 10 with load 6
PRICER_C: Found path with load 22
Path is currently at node 10 with load 6
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PRICER_C: Found path with load 17
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Path is currently at node 10 with load 6
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PRICER_C: Found path with load 22
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Path is currently at node 1 with load 10
PRICER_C: Found path with load 17
Path is currently at node 9 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 18
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6

PRICER_C: Found path with load 17
Path is currently at node 10 with load 6
Path is currently at node 8 with load 5
PRICER_C: Found path with load 27
Path is currently at node 8 with load 5
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PRICER_C: Found path with load 27
Path is currently at node 9 with load 5
Path is currently at node 4 with load 6
Path is currently at node 10 with load 6
PRICER_C: Found path with load 28
Path is currently at node 10 with load 6
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Path is currently at node 10 with load 6
PRICER_C: Found path with load 23
Path is currently at node 9 with load 5
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PRICER_C: Found path with load 22
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PRICER_C: Found path with load 28
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PRICER_C: Found path with load 27
Path is currently at node 8 with load 5
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PRICER_C: Found path with load 28
Path is currently at node 1 with load 10
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
PRICER_C: Found path with load 25
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
PRICER_C: Found path with load 24
Path is currently at node 4 with load 6
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
PRICER_C: Found path with load 23


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Path is currently at node 6 with load 5
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
PRICER_C: Found path with load 23
Path is currently at node 8 with load 5
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PRICER_C: Found path with load 23
Path is currently at node 9 with load 5
Path is currently at node 10 with load 6
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PRICER_C: Found path with load 23
Path is currently at node 4 with load 6
Path is currently at node 10 with load 6
Path is currently at node 8 with load 5
PRICER_C: Found path with load 22
Path is currently at node 8 with load 5
Path is currently at node 10 with load 6
Path is currently at node 8 with load 5
PRICER_[ 0 9 10 9 5 9 11 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]
    0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]
Labelling found path (0, 9, 10, 9, 5, 9, 11) with negative reduced cost
Added (0, 9, 10, 9, 5, 9, 11) with path weight 33
There are 1 occurrences of node 5
There are 3 occurrences of node 9
There are 1 occurrences of node 10
Dual variables are [-3.0, -4.3333333333333334, 1.3333333333333334, -3.0, -6.0,
-1.3333333333333333, -5.0, 5.6666666666666666, 11.0, 6.0, -0.0]
C: Found path with load 30
Path is currently at node 4 with load 6
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
Path is currently at node 10 with load 6
PRICER_C: Found path with load 29
Path is currently at node 5 with load 5
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
Path is currently at node 10 with load 6
PRICER_C: Found path with load 29
Path is currently at node 6 with load 5
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
Path is currently at node 10 with load 6
PRICER_C: Found path with load 26
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
Path is currently at node 10 with load 6
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PRICER_C: Found path with load 29
Path is currently at node 8 with load 5
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
Path is currently at node 10 with load 6
PRICER_C: Found path with load 29
Path is currently at node 9 with load 5
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PRICER_C: Found path with load 29
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Path is currently at node 4 with load 6
PRICER_C: Found path with load 29
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Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
PRICER_C: Found path with load 29
Path is currently at node 9 with load 5
Path is currently at node 4 with load 6
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
PRICER_C: Found path with load 30
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
PRICER_C: Found path with load 29
Path is currently at node 10 with load 6
Path is currently at node 8 with load 5
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
PRICER_C: Capacity is 30
PRICER_C: Found path with load 16
Path is currently at node 10 with load 6
PRICER_C: Found path with load 11
Path is currently at node 10 with load 6
PRICER_C: Found path with load 21
Path is currently at node 10 with load 6
Path is currently at node 1 with load 10
PRICER_C: Found path with load 17
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
PRICER_C: Found path with load 21
Path is currently at node 9 with load 5

Path is currently at node 1 with load 10
PRICER_C: Found path with load 22
Path is currently at node 10 with load 6
Path is currently at node 1 with load 10
PRICER_C: Found path with load 17
Path is currently at node 9 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 18
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
PRICER_C: Found path with load 17
Path is currently at node 10 with load 6
Path is currently at node 6 with load 5
PRICER_C: Found path with load 14
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
PRICER_C: Found path with load 27
Path is currently at node 9 with load 5
Path is currently at node 4 with load 6
Path is currently at node 10 with load 6
PRICER_C: Found path with load 28
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
Path is currently at node 10 with load 6
PRICER_C: Found path with load 22
Path is currently at node 9 with load 5
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PRICER_C: Found path with load 23
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Path is currently at node 4 with load 6
Path is currently at node 10 with load 6
PRICER_C: Found path with load 22
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Path is currently at node 4 with load 6
PRICER_C: Found path with load 27
Path is currently at node 6 with load 5
Path is currently at node 10 with load 6
Path is currently at node 1 with load 10
PRICER_C: Found path with load 27
Path is currently at node 9 with load 5
Path is currently at node 10 with load 6
Path is currently at node 1 with load 10
PRICER_C: Found path with load 28
Path is currently at node 1 with load 10
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6

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PRICER_C: Found path with load 25
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
PRICER_C: Found path with load 24
Path is currently at node 4 with load 6
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
PRICER_C: Found path with load 23
Path is currently at node 6 with load 5
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
PRICER_C: Found path with load 23
Path is curre[ 0 9 10 8 10 9 11 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0
    0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]ntly at node 9 with load 5
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
PRICER_C: Found path with load 27
Path is currently at node 1 with load 10
Path is currently at node 10 with load 6
Path is currently at node 6 with load 5
PRICER_C: Found path with load 24
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
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PRICER_C: Found path with load 22
Path is currently at node 6 with load 5
Path is currently at node 10 with load 6
Path is currently at node 6 with load 5
PRICER_C: Found path with load 22
Path is currently at node 9 with load 5
Path is currently at node 10 with load 6
Path is currently at node 6 with load 5
PRICER_C: Found path with load 19
Path is currently at node 6 with load 5
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
PRICER_C: Found path with load 19
Path is currently at node 9 with load 5
Path is currently at node 10 with load 6
p
Labelling found path (0, 9, 10, 8, 10, 9, 11) with negative reduced cost
Added (0, 9, 10, 8, 10, 9, 11) with path weight 33
There are 1 occurences of node 8
There are 2 occurences of node 9
There are 2 occurences of node 10
Dual variables are [-3.0, -6.0, 3.0, -3.0, -6.0, -1.3333333333333333, -5.0,

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-1.0, 11.0, 6.0, -0.0]
ath is currently at node 7 with load 2
PRICER_C: Found path with load 30
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
Path is currently at node 10 with load 6
PRICER_C: Found path with load 29
Path is currently at node 4 with load 6
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
Path is currently at node 10 with load 6
PRICER_C: Found path with load 28
Path is currently at node 5 with load 5
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
Path is currently at node 10 with load 6
PRICER_C: Found path with load 28
Path is currently at node 6 with load 5
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
Path is currently at node 10 with load 6
PRICER_C: Found path with load 28
Path is currently at node 9 with load 5
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
Path is currently at n[ 0  9 10  9 10  9 11  0  0  0  0  0  0  0  0  0  0  0  0
0  0  0  0  0
  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0]ode 10 with load 6
PRICER_C: Found path with load 29
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
PRICER_C: Found path with load 28
Path is currently at node 10 with load 6
Path is currently at node 6 with load 5
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
PRICER_C: Found path with load 29
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
PRICER_C: Found path with load 29
Path is currently at node 9 with load 5
Path is currently at node 4 with load 6
Path is currently at node 10 with load 6

```

Path is currently at node 4 with load 6
 PRICER_C: Found path with load 30
 Path is currently at node 10 with load 6
 Path is currently at node 4 with load 6
 Path is currently at node 10 with load 6
 Path is currently at node 4 with load 6
 PRI
 Labelling found path (0, 9, 10, 9, 10, 9, 11) with negative reduced cost
 Added (0, 9, 10, 9, 10, 9, 11) with path weight 39
 There are 3 occurrences of node 9
 There are 2 occurrences of node 10
 Dual variables are [1.8000000000000007, -4.800000000000001, -2.9999999999999964,
 1.8000000000000007, 1.5, 0.5000000000000027, -0.20000000000000107,
 -0.9999999999999964, 7.4, 8.399999999999999, -0.0]
 CER_C: Found path with load 29
 Path is currently at node 10 with load 6
 Path is currently at node 6 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 26
 Path is currently at node 10 with load 6
 Path is currently at node 7 with load 2
 Path is currently at node 10 with load 6
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 28
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 10 with load 6
 Path is currently at node 6 with load 5
 PRICER_C: Found path with load 28
 Path is currently at node 9 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 10 with load 6
 Path is currently at node 6 with load 5
 PRICER_C: Found path with load 28
 Path is currently at node 10 with load 6
 Path is currently at node 6 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 6 with load 5
 PRICER_C: Found path with load 25
 Path is currently at node 10 with load 6
 Path is currently at node 7 with load 2
 Path is currently at node 10 with load 6
 Path is currently at node 6 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 7 with load 2
 Path is currently at node 10 with load 6
 Path is currently at node 6 with load 5

Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
PRICER_C: Found path with load 28
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
PRICER_C: Found path with load 30
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 6 with load 5
Path is currently at node 10 with load 6
Path is currently at node 6 with load 5
PRICER_C: Found path with load 30
Path is currently at node 6 with load 5
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 6 with load 5
PRICER_C: Found path with load 27
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 6 with load 5
PRICER_C: Capacity is 30
PRICER_C: Found path with load 16
Path is currently at node 10 with load 6
PRICER_C: Found path with load 11
Path is currently at node 10 with load 6
PRICER_C: Found path with load 21
Path is currently at node 10 with load 6
Path is currently at node 1 with load 10
PRICER_C: Found path with load 17
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
PRICER_C: Found path with load 21
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 22
Path is currently at node 10 with load 6
Path is currently at node 1 with load 10
PRICER_C: Found path with load 17
Path is currently at node 9 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 18
Path is currently at node 10 with load 6

Path is currently at node 4 with load 6
 PRICER_C: Found path with load 17
 Path is currently at node 10 with load 6
 Path is currently at node 6 with load 5
 PRICER_C: Found path with load 14
 Path is currently at node 10 with load 6
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 27
 Path is currently at node 9 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 28
 Path is currently at node 10 with load 6
 Path is currently at node 4 with load 6
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 22
 Path is currently at node 9 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 23
 Path is currently at node 10 with load 6
 Path is currently at node 4 with load 6
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 22
 Path is currently at node 6 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 27
 Path is currently at node 6 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 27
 Path is currently at node 9 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 28
 Path is currently at node 1 with load 10
 Path is currently at node 10 with load 6
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 25
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 24
 Path is currently at node 4 with load 6
 Path is currently at node 10 with load 6
 Path is currently at node 4 with load [0 10 6 10 6 10 11 0 0 0 0 0 0 0
 0 0 0 0 0 0 0 0 0 0


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0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]
Labelling found path (0, 10, 6, 10, 6, 10, 11) with negative reduced cost
Added (0, 10, 6, 10, 6, 10, 11) with path weight 20
There are 2 occurrences of node 6
There are 3 occurrences of node 10
Dual variables are [1.8000000000000007, -4.800000000000001, -2.9999999999999964,
1.8000000000000007, 1.5, -2.599999999999998, -0.20000000000000107,
-0.9999999999999964, 7.4, 8.399999999999999, -0.0]
6
PRICER_C: Found path with load 23
Path is currently at node 6 with load 5
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
PRICER_C: Found path with load 23
Path is currently at node 9 with load 5
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
PRICER_C: Found path with load 27
Path is currently at node 1 with load 10
Path is currently at node 10 with load 6
Path is currently at node 6 with load 5
PRICER_C: Found path with load 24
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 6 with load 5
PRICER_C: Found path with load 22
Path is currently at node 6 with load 5
Path is currently at node 10 with load 6
Path is currently at node 6 with load 5
PRICER_C: Found path with load 22
Path is currently at node 9 with load 5
Path is currently at node 10 with load 6
Path is currently at node 6 with load 5
PRICER_C: Found path with load 19
Path is currently at node 6 with load 5
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
PRICER_C: Found path with load 30
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
Path is currently at node 10 with load 6
PRICER_C: Found path with load 29
Path is currently at node 4 with load 6
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
Path is currently at node 10 with load 6
PRICER_C: Found path with load 28

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Path is currently at node 5 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 4 with load 6
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 28
 Path is currently at node 6 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 4 with load 6
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 28
 Path is currently at node 9 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 4 with load 6
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 29
 Path is currently at node 10 with load 6
 Path is currently at node 4 with load 6
 Path is currently at node 10 with load 6
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 28
 Path is currently at node 10 with load 6
 Path is currently at node 6 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 29
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 10 with load 6
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 29
 Path is currently at node 9 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 10 with load 6
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 30
 Path is currently at node 10 with load 6
 Path is currently at node 4 with load 6
 Path is currently at node 10 with 1[0 10 4 10 4 10 11 0 0 0 0 0 0 0 0
 0 0 0 0 0 0 0 0 0 0
 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]oad 6
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 29
 Path is currently at node 10 with load 6
 Path is currently at node 6 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 26
 Path is currently at node 10 with load 6

Path is currently at node 7 with load 2
 Path is currently at node 10 with load 6
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 28
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 10 with load 6
 Path is currently at node 6 with load 5
 PRICER_C: Found path with load 28
 Path is currently at node 9 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 10 with load 6
 Path is currently at node 6 with load 5
 PRICER_C: Found path with load 28
 Path is currently at node 10 with load 6
 Path is currently at node 6 with load 5
 Path is currently at node 10 with load 6
 Path is currentl
 Labelling found path (0, 10, 4, 10, 4, 10, 11) with negative reduced cost
 Added (0, 10, 4, 10, 4, 10, 11) with path weight 24
 There are 2 occurrences of node 4
 There are 3 occurrences of node 10
 Dual variables are [1.8000000000000007, -4.800000000000001, -2.9999999999999964,
 -0.5999999999999979, 2.3999999999999986, -2.5999999999999998,
 -0.200000000000000107, 1.40000000000000021, 7.4, 8.399999999999999, -0.0]
 y at node 6 with load 5
 PRICER_C: Found path with load 25
 Path is currently at node 10 with load 6
 Path is currently at node 7 with load 2
 Path is currently at node 10 with load 6
 Path is currently at node 6 with load 5
 PRICER_C: Found path with load 28
 Path is currently at node 7 with load 2
 Path is currently at node 10 with load 6
 Path is currently at node 7 with load 2
 Path is currently at node 10 with load 6
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 30
 Path is currently at node 7 with load 2
 Path is currently at node 10 with load 6
 Path is currently at node 6 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 6 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 6 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 7 with load 2
 Path is currently at node 10 with load 6


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PRICER_C: Found path with load 22
Path is currently at node 10 with load 6
Path is currently at node 9 with load 5
Path is currently at node 10 with load 6
PRICER_C: Found path with load 25
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
PRICER_C: Found path with load 23
Path is currently at node 6 with load 5
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
PRICER_C: Found path with load 23
Path is currently at node 9 with load 5
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
PRICER_C: Found path with load 24
Path is currently at node 3 with load 7
Path i[ 0 9 7 9 7 9 10 11 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
      0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]
Labelling found path (0, 9, 7, 9, 7, 9, 10, 11) with negative reduced cost
Added (0, 9, 7, 9, 7, 9, 10, 11) with path weight 30
s currently at node 10 with load 6
Path is currently at node 6 with load 5
PRICER_C: Found path with load 22
Path is currently at node 6 with load 5
Path is currently at node 10 with load 6
Path is currently at node 6 with load 5
PRICER_C: Found path with load 22
Path is currently at node 9 with load 5
Path is currently at node 10 with load 6
Path is currently at node 6 with load 5
PRICER_C: Found path with load 24
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 9 with load 5
PRICER_C: Found path with load 22
Path is currently at node 6 with load 5
Path is currently at node 10 with load 6
Path is currently at node 9 with load 5
PRICER_C: Found path with load 22
Path is currently at node 9 with load 5
Path is currently at node 10 with load 6
Path is currently at node 9 with load 5
PRICER_C: Found path with load 29
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
Path is currently at node 10 with lThere are 2 occurrences of node 7

```

There are 3 occurrences of node 9
 There are 1 occurrences of node 10
 load 6
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 28
 Path is currently at node 10 with load 6
 Path is currently at node 6 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 28
 Path is currently at node 10 with load 6
 Path is currently at node 9 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 30
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 4 with load 6
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 29
 Path is currently at node 4 with load 6
 Path is currently at node 10 with load 6
 Path is currently at node 4 with load 6
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 28
 Path is currently at node 5 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 4 with load 6
 Path is currentDual variables are [1.8000000000000007, -3.1999999999999993,
 -4.5999999999999998, -0.59999999999999979, 2.39999999999999986, -2.5999999999999998,
 -0.30000000000000007, 1.4000000000000021, 7.4, 8.399999999999999, -0.0]
 [0 9 1 9 7 9 11 0 0 0 0 0 0 0 0 0 0 0 0 0 0
 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]ly at node 10 with load 6
 PRICER_C: Found path with load 28
 Path is currently at node 6 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 4 with load 6
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 28
 Path is currently at node 9 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 4 with load 6
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 29
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 6 with load 5
 Path is currently at node 10 with load 6

```

PRICER_C: Found path with load 28
Path is currently at node 4 with load 6
Path is currently at node 10 with load 6
Path is currently at node 6 with load 5
Path is currently at node 10 with load 6
PRICER_C: Found path with load 27
Path is currently at node 6 with load 5
Path is currently at node 10 with load 6
Path is currently at node 6 with load 5
Path is currently at node 10 with load 1
Labelling found path (0, 9, 1, 9, 7, 9, 11) with negative reduced cost
Added (0, 9, 1, 9, 7, 9, 11) with path weight 23
There are 1 occurrences of node 1
There are 1 occurrences of node 7
There are 3 occurrences of node 9
Dual variables are [1.0999999999999979, -3.1999999999999993, -4.5999999999999998,
-0.5999999999999979, 2.3999999999999986, -2.5999999999999998,
-0.3000000000000007, 1.4000000000000021, 7.4, 8.399999999999999, -0.0]
oad 6
PRICER_C: Found path with load 27
Path is currently at node 9 with load 5
Path is currently at node 10 with load 6
Path is currently at node 6 with load 5
Path is currently at node 10 with load 6
PRICER_C: Found path with load 29
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 9 with load 5
Path is currently at node 10 with load 6
PRICER_C: Found path with load 28
Path is currently at node 4 with load 6
Path is currently at node 10 with load 6
Path is currently at node 9 with load 5
Path is currently at node 10 with load 6
PRICER_C: Found path with load 27
Path is currently at node 5 with load 5
Path is currently at node 10 with load 6
Path is currently at node 9 with load 5
Path is currently at node 10 with load 6
PRICER_C: Found path with load 27
Path is currently at node 6 with load 5
Path is currently at node 10 with load 6
Path is currently at node 9 with load 5
Path is currently at node 10 with load 6
PRICER_C: Foun[ 0 9 7 9 10 6 10 11 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]
Labelling found path (0, 9, 7, 9, 10, 6, 10, 11) with negative reduced cost

```

Added (0, 9, 7, 9, 10, 6, 10, 11) with path weight 28
 There are 1 occurrences of node 6
 There are 1 occurrences of node 7
 There are 2 occurrences of node 9
 There are 2 occurrences of node 10
 Dual variables are [1.0999999999999979, -3.8999999999999986,
 -3.8999999999999986, -0.5999999999999979, 2.3999999999999986,
 -3.299999999999997, -0.3000000000000007, 1.4000000000000021, 7.4,
 8.399999999999999, -0.0]d path with load 27
 Path is currently at node 9 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 9 with load 5
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 29
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 10 with load 6
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 30
 Path is currently at node 10 with load 6
 Path is currently at node 4 with load 6
 Path is currently at node 10 with load 6
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 29
 Path is currently at node 10 with load 6
 Path is currently at node 6 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 29
 Path is currently at node 10 with load 6
 Path is currently at node 9 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 28
 P
 [0 9 7 9 10 8 10 11 0 0 0 0 0 0 0 0 0 0 0 0 0 0
 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]
 Labelling found path (0, 9, 7, 9, 10, 8, 10, 11) with negative reduced costath
 is currently at node 10 with load 6
 Path is currently at node 6 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 6 with load 5
 PRICER_C: Found path with load 28
 Path is currently at node 10 with load 6
 Path is currently at node 9 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 6 with load 5
 PRICER_C: Found path with load 28

Path is currently at node 10 with load 6
 Path is currently at node 9 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 9 with load 5
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 12
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 19
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 17
 Path is currently at node 9 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 18
 Path is currently at node 10 with load 6
 Path is currently at node 4 with load 6
 PRI
 Added (0, 9, 7, 9, 10, 8, 10, 11) with path weight 32
 There are 1 occurrences of node 7
 There are 1 occurrences of node 8
 There are 2 occurrences of node 9
 There are 2 occurrences of node 10
 Dual variables are [1.0999999999999979, -3.8999999999999986,
 -3.8999999999999986, -0.5999999999999979, 2.3999999999999986,
 -3.299999999999997, -0.3000000000000007, 0.7000000000000028, 7.4,
 8.399999999999999, -0.0]
 CER_C: Found path with load 14
 Path is currently at node 10 with load 6
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 23
 Path is currently at node 9 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 24
 Path is currently at node 10 with load 6
 Path is currently at node 4 with load 6
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 28
 Path is currently at node 1 with load 10
 Path is currently at node 10 with load 6
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 25
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 24
 Path is currently at node 4 with load 6
 Path is currently at node 10 with load 6


```

PRICER_C: Found path with load 29
Path is currently at node 9 with load 5
Path is currently at node 4 with load 6
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
PRICER_C: Found path with load 30
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
PRICER_C: Found path with load 25
Path is currently at node 9 with load 5
Path iThere are 1 occurences of node 4
There are 1 occurences of node 7
There are 2 occurences of node 9
There are 2 occurences of node 10
Dual variables are [1.7999999999999972, -3.1999999999999993, -4.599999999999998,
-0.5999999999999979, 2.3999999999999986, -2.5999999999999998, -1.0,
1.4000000000000021, 7.4, 8.399999999999999, -0.0]
s currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
PRICER_C: Found path with load 26
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
PRICER_C: Found path with load 28
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
PRICER_C: Capacity is 30
PRICER_C: Found path with load 16
Path is currently at node 10 with load 6
PRICER_C: Found path with load 22
Path is currently at node 10 with load 6
Path is currently at node 1 with load 10
PRICER_C: Found path with load 19
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 18
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
PRICER_[ 0 9 1 9 5 9 11 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]
C: Found path with load 17

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Path is currently at node 10 with load 6
 Path is currently at node 6 with load 5
 PRICER_C: Found path with load 14
 Path is currently at node 10 with load 6
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 29
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 28
 Path is currently at node 10 with load 6
 Path is currently at node 4 with load 6
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 29
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 27
 Path is currently at node 6 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 27
 Path is currently at node 9 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 1 with load Labelling found path (0, 9, 1, 9, 5, 9, 11) with negative reduced cost
 Added (0, 9, 1, 9, 5, 9, 11) with path weight 25
 There are 1 occurrences of node 1
 There are 1 occurrences of node 5
 There are 3 occurrences of node 9
 Dual variables are [1.7999999999999972, -3.1999999999999993, -4.5999999999999998, -0.5999999999999979, 1.0, -2.5999999999999998, -1.0, 1.40000000000000021, 7.4, 8.399999999999999, -0.0]
 10
 PRICER_C: Found path with load 29
 Path is currently at node 1 with load 10
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 26
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 24
 Path is currently at node 6 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 24
 Path is currently at node 9 with load 5

Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 28
 Path is currently at node 1 with load 10
 Path is currently at node 10 with load 6
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 25
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 23
 Path is currently at node 6 with [0 2 10 6 10 9 11 0 0 0 0 0 0 0 0
 0 0 0 0 0 0 0 0
 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]
 Labelling found path (0, 2, 10, 6, 10, 9, 11) with negative reduced cost
 Added (0, 2, 10, 6, 10, 9, 11) with path weight 18
 h load 5
 Path is currently at node 10 with load 6
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 23
 Path is currently at node 9 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 24
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 6 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 7 with load 2
 Path is currently at node 10 with load 6
 Path is currently at node 4 with load 6
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 30
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 30
 Path is currently at node 9 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: FoundThere are 1 occurrences of node 2
 There are 1 occurrences of node 6
 There are 1 occurrences of node 9
 There are 2 occurrences of node 10
 Dual variables are [1.8000000000000007, -3.3999999999999986, -4.4000000000000002,
 -0.60000000000000014, 1.00000000000000036, -2.8000000000000007,

-0.9999999999999964, 1.3999999999999986, 7.399999999999999, 8.4, -0.0]

d path with load 27

Path is currently at node 10 with load 6

Path is currently at node 7 with load 2

Path is currently at node 10 with load 6

Path is currently at node 3 with load 7

PRICER_C: Found path with load 29

Path is currently at node 5 with load 5

Path is currently at node 4 with load 6

Path is currently at node 10 with load 6

Path is currently at node 4 with load 6

PRICER_C: Found path with load 29

Path is currently at node 9 with load 5

Path is currently at node 4 with load 6

Path is currently at node 10 with load 6

Path is currently at node 4 with load 6

PRICER_C: Found path with load 30

Path is currently at node 10 with load 6

Path is currently at node 4 with load 6

Path is currently at node 10 with load 6

Path is currently at node 4 with load 6

PRICER_C: Found path with load 29

Path is currently at node 10 with load 6

Path is currently at node 6 with load 5

Path is currently at node 10 with load 6

Path is currently at node 4 with load 6

PRICER_C: Found path with load 26

Path is currently at node 10 with load 6

Path is currently at node 7 with load 2

Path is currently at node 10 with load 6

Path is currently at node 4 with load 6

PRICER_C: Found path with load 28

Path is currently at node 7 with load 2

Path is currently at node 10 with load 6

Path is currently at node 7 with load 2

Path is currently at node 10 with load 6

Path is currently at node 4 with load 6

PRICER_C: Capacity is 30

PRICER_C: Found path with load 17

Path is currently at node 3 with load 7

PRICER_C: Found path with load 15

Path is currently at node 8 with load 5

PRICER_C: Found path with load 15

Path is currently at node 9 with load 5

PRICER_C: Found path with load 27

Path is currently at node 1 with load 10

Path is currently at node 3 with load 7

PRICER_C: Found path with load 23

```

Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 26
Path is currently at node 1 with load 10
Path is currently at node 4 with load 6
PRICER_C: Fo[ 0 9 1 9 10 11 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0
    0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]
und path with load 23
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
PRICER_C: Found path with load 21
Path is currently at node 9 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 22
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
PRICER_C: Found path with load 25
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 24
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 23
Path is currently at node 4 with load 6
Path is currently at node 1 with load 10
PRICER_C: Found path with load 22
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 22
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 23
Path is currently at node 1 with load 10
Path is currently aLabelling found path (0, 9, 1, 9, 10, 11) with negative
reduced cost
Added (0, 9, 1, 9, 10, 11) with path weight 24
There are 1 occurences of node 1
There are 2 occurences of node 9
There are 1 occurences of node 10
Dual variables are [0.80000000000000025, -3.39999999999999986, -4.4000000000000002,
-0.60000000000000014, 2.00000000000000018, -2.80000000000000007,
-0.99999999999999964, 1.39999999999999986, 7.399999999999999, 8.4, -0.0]
t node 4 with load 6
PRICER_C: Found path with load 20
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 21

```

Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 29
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 30
 Path is currently at node 3 with load 7
 Path is currently at node 4 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 28
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 28
 Path is currently at node 9 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 30
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 29
 Path is currently at node 4 with load 6
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 28
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 29
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 27
 Path is currently at node 4 with load 6
 Path is currently at node 9 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 29
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 30
 Path is currently at node 5 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 30
 Path is curren[0 10 3 10 8 10 11 0 0 0 0 0 0 0 0 0 0 0 0 0


```

0 0
  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]
Labelling found path (0, 10, 3, 10, 8, 10, 11) with negative reduced cost
Added (0, 10, 3, 10, 8, 10, 11) with path weight 22
There are 1 occurrences of node 3
There are 1 occurrences of node 8
There are 3 occurrences of node 10
Dual variables are [0.80000000000000025, -3.3999999999999986, -4.4000000000000002,
-0.60000000000000014, 2.00000000000000018, -2.8000000000000007,
-0.9999999999999964, 1.1999999999999993, 7.399999999999999, 8.4, -0.0]
tly at node 6 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 27
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 26
Path is currently at node 9 with load 5
Path is currently at node 4 with load 6
Path is currently at node 9 with load 5
PRICER_C: Found path with load 30
Path is currently at node 4 with load 6
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 30
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path[ 0 10  3 10  9 10 11  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
      0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0]
Labelling found path (0, 10, 3, 10, 9, 10, 11) with negative reduced cost
Added (0, 10, 3, 10, 9, 10, 11) with path weight 28
There are 1 occurrences of node 3
There are 1 occurrences of node 9
There are 3 occurrences of node 10
Dual variables are [0.80000000000000007, -3.2000000000000003, -4.599999999999994,
-0.5999999999999979, 1.9999999999999964, -2.9999999999999947, -1.0,
1.3999999999999986, 7.4, 8.399999999999999, -0.0]
  is currently at node 1 with load 10
PRICER_C: Found path with load 28

```

Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 28
 Path is currently at node 9 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 28
 Path is currently at node 4 with load 6
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 24
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 28
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 30
 Path is currently at node 1 with load 10
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 2[0 10 3 10 9 10 11 0 0 0 0 0 0 0 0
 0 0 0 0 0 0 0 0
 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]
 Labelling found path (0, 10, 3, 10, 9, 10, 11) with negative reduced cost6
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 20
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 16
 Path is currently at node 9 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 17
 Path is currently at node 10 with load 6
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 15
 Path is currently at node 9 with load 5
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 12
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 26
 Path is currently at node 10 with load 6

Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 24
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is
 Path already in variables with reduced cost -0.0 with farkas False.
 Dual variables are [9.68421052631579, -6.631578947368421, 9.0,
 8.684210526315788, -7.263157894736841, -3.999999999999982, 2.4210526315789473,
 5.894736842105264, 3.631578947368421, 0.7894736842105263, -0.0]
 currently at node 10 with load 6
 PRICER_C: Found path with load 26
 Path is currently at node 10 with load 6
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 21
 Path is currently at node 8 with load 5
 Path is currently at node 9 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 22
 Path is currently at node 10 with load 6
 Path is currently at node 9 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 24
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 21
 Path is currently at node 10 with load 6
 Path is currently at node 9 with load 5
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 18
 Path is currently at node 10 with load 6
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 23
 Pat[0 8 1 8 1 11 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]
 h is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 24
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 29
 Path is currently at node 8 with load 5
 Path is currently at node 10 with load 6

Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 29
 Path is currently at node 9 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 30
 Path is currently at node 9 with load 5
 Path is currently at node 5 with load 5
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 27
 Path is currently at node 9 with load 5
 Path is currently at node 4 with load 6
 Path is currently at nodeLabelling found path (0, 8, 1, 8, 1, 11) with negative reduced cost
 Added (0, 8, 1, 8, 1, 11) with path weight 23
 There are 2 occurrences of node 1
 There are 2 occurrences of node 8
 Dual variables are [5.375000000000001, -3.3750000000000027, 8.250000000000007, 6.5, -1.0000000000000009, -0.3749999999999911, 1.5000000000000036, 6.124999999999999, 5.374999999999998, 1.999999999999992, -0.0]
 9 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 28
 Path is currently at node 10 with load 6
 Path is currently at node 4 with load 6
 Path is currently at node 9 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 26
 Path is currently at node 9 with load 5
 Path is currently at node 5 with load 5
 Path is currently at node 9 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 23
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 27
 Path is currently at node 10 with load 6
 Path is currently at node 8 with load 5
 Path is currently at node 9 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 29
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6

Path is currently at node 9 with load 5
 Path is curr[0 3 10 3 10 7 11 0 0 0 0 0 0 0 0 0 0 0 0 0
 0 0
 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]ently at node 4 with load 6
 PRICER_C: Found path with load 27
 Path is currently at node 6 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 9 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 27
 Path is currently at node 8 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 9 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 30
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 26
 Path is currently at node 9 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 9 with load 5
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 25
 Path is currently at node 9 with load 5
 Path is currently at node 5 with load 5
 Path is currently at node 9 with load 5
 Path is currently at node 5 with load
 Labelling found path (0, 3, 10, 3, 10, 7, 11) with negative reduced cost
 Path already in variables with reduced cost -0.0 with farkas False.
 Farkas Values are [0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, -1.0, 0.0, 0.0, 0.0]5
 PRICER_C: Found path with load 22
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 28
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 9 with load 5
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 26
 Path is currently at node 8 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 9 with load 5
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 19

Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 25
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with
 load 23
 Path is currently at node 8 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 29
 Path is currently at node 6 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 29
 Path is currently at node 8 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 28
 Path is currently at node 6 with load 5
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 29
 Path is currently at node 10 with load 6
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is cThere are no paths with negative reduced costs
 Dual variables are [9.68421052631579, -6.631578947368421, 9.0,
 8.684210526315788, -7.263157894736841, -3.999999999999982, 2.4210526315789473,
 5.894736842105264, 3.631578947368421, 0.7894736842105263, -0.0]
 urrently at node 4 with load 6
 PRICER_C: Found path with load 30
 Path is currently at node 5 with load 5
 Path is currently at node 9 with load 5
 Path is currently at node 5 with load 5
 Path is currently at node 9 with load 5
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 30

Path is currently at node 6 with load 5
Path is currently at node 9 with load 5
Path is currently at node 5 with load 5
Path is currently at node 9 with load 5
Path is currently at node 5 with load 5
PRICER_C: Found path with load 27
Path is currently at node 6 with load 5
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 5 with load 5
PRICER_C: Found path with load 30
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 4 with load 6
PRICER_C: Capacity is 30
PRICER_C: Found path with load 20
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 15
Path is currently at node 9 with load 5
Path is currently at node 5 with load 5
PRICER_C: Found path with load 12
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 26
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 24
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 26
Path is currently at node 10 with load 6
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 21
Path is currently at node 10 with load 6
Path is currently at node 9 with load 5
Path is currently at node 5 with load 5
PRICER_C: Found path with load 18
Path is currently at node 10 with load 6
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2

Path is currently at node 9 with load 5
 Path is currently a
 t node 5 with load 5
 Path is currently at node 9 with load 5
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 22
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 28
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 9 with load 5
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 26
 Path is currently at node 8 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 9 with load 5
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 19
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 25
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path iLabelling found path (0, 8, 1, 8, 1, 11) with negative reduced cost
 Path already in variables with reduced cost -8.157894736842106 with farkas
 False.
 Farkas Values are [0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, -1.0, 0.0, 0.0]
 There are no paths with negative reduced costs
 Dual variables are [9.421052631578947, -7.6842105263157885, 9.0,
 7.421052631578949, -5.736842105263159, -3.2631578947368425, 2.9473684210526314,
 5.894736842105263, 4.421052631578947, 0.2631578947368421, -0.0]
 s currently at node 9 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 23
 Path is currently at node 8 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 29
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 8 with load 5

PRICER_C: Found path with load 29
Path is currently at node 6 with load 5
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 29
Path is currently at node 8 with load 5
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 29
Path is currently at node 9 with load 5
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 29
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 8 with load 5
Path is currently at node 10 with load 6
PRICER_C: Found path with load 27
Path is currently at node 8 with load 5
Path is currently at node 10 with load 6
Path is currently at node 8 with load 5
Path is currently at node 10 with load 6
PRICER_C: Found path with load 30
Path is currently at node 5 with load 5
Path is currently at node 9 with load 5
Path is currently at node 5 with load 5
Path is currently at node 9 with load 5
Path is currently at node 5 with load 5
PRICER_C: Found path with load 30
Path is currently at node 6 with load 5
Path is currently at node 9 with load 5
Path is currently at node 5 with load 5
Path is currently at node 9 with load 5
Path is currently at node 5 with load 5
PRICER_C: Found path with load 27
Path is currently at node 6 with load 5
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 5 with load 5
PRICER_C: Found path with load 28
Path is currently at node 10 with load 6
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5

Path is currently at node 5 with load 5
 PRICER_C: Found path with load 29
 Path is currently at node 10 with load 6
 Path is currently at node 8 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 29
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 26
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 18
 Path is currently at node 9 with load 5
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 20
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 15
 Path is currently at node 9 with load 5
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 18
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 26
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 24
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 21
 Path is currently at node 10 with load 6
 Path is currently at node 9 with load 5
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 23
 Path is currently at node 3 with load 7

Path is currently at node 10 with load 6
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 21
 Path is currently at node 8 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 21
 Path is currently at node 9 with load 5
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 PRICER_C: Found path with load 24
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 Path is currently at node 10 with load 6
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 Path is currently at node 8 with load 5
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 PRICER_C: Found path with load 29
 Path is currently at node 9 with load 5
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 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 28
 Path is currently at node 9 with load 5
 Path is currently at node 5 with load 5
 Path is currently at node 9 with load 5
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 29
 Path is currently at node 8 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 29
 Path is currently at node 9 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 30
 Path is currently at node 9 with load 5
 Path is currently at node 5 with load 5

Path is curre
 Labelling found path (0, 3, 1, 8, 7, 9, 11) with negative reduced cost
 Path already in variables with reduced cost -8.684210526315788 with farkas
 False.
 Farkas Values are [0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, -1.0, 0.0, 0.0, 0.0]
 There are no paths with negative reduced costs
 Dual variables are [9.833333333333334, -9.333333333333334, 9.0,
 5.222222222222221, -4.5, -1.888888888888893, 3.222222222222222,
 6.444444444444445, 4.833333333333334, -1.111111111111111, -0.0]
 ntly at node 9 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 30
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 9 with load 5
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 25
 Path is currently at node 9 with load 5
 Path is currently at node 5 with load 5
 Path is currently at node 9 with load 5
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 28
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 9 with load 5
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 26
 Path is currently at node 8 with load 5
 Path is currently at node 10 with load 6
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 PRICER_C: Found path with load 29
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
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 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 29
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 PRICER_C: Found path with load 29
 Path is currently at node 8 with load 5
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 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 29
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PRICER_C: Found path with load 29
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Path is currently at node 8 with load 5
Path is currently at node 10 with load 6
PRICER_C: Found path with load 27
Path is currently at node 8 with load 5
Path is currently at node 10 with load 6
Path is currently at node 8 with load 5
Path is currently at node 10 with load 6
PRICER_C: Found path with load 30
Path is currently at node 5 with load 5
Path is currently at node 9 with load 5
Path is currently at node 5 with load 5
Path is currently at node 9 with load 5
Path is currently at node 5 with load 5
PRICER_C: Found path with load 30
Path is currently at node 6 with load 5
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Path is currently at node 5 with load 5
PRICER_C: Capacity is 30
PRICER_C: Found path with load 18
Path is currently at node 9 with load 5
Path is currently at node 10 with load 6
PRICER_C: Found path with load 20
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 15
Path is currently at node 9 with load 5
Path is currently at node 5 with load 5
PRICER_C: Found path with load 18
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 16
Path is currently at node 9 with load 5
Path is currently at node 10 with load 6
PRICER_C: Found path with load 26
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 24
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7

Path is currently at node 9 with load 5
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 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 28
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 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 26
 Path is currently at node 8 with load 5
 Path is currently at node 10 with load 6
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 PRICER_C: Found path with load 26
 Path is currently at node 9 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 9 with load 5
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 29
 Path is currently at node 10 with load 6
 Path is currently at node 3
 Labelling found path (0, 8, 1, 8, 7, 9, 11) with negative reduced cost
 Path already in variables with reduced cost -7.777777777777779 with farkas
 False.
 Dual variables are [4.821428571428571, -4.285714285714285, -1.4999999999999991,
 2.5000000000000001, 2.0357142857142856, 0.7857142857142856, 4.714285714285714,
 5.714285714285714, 3.5357142857142856, 5.928571428571428, -0.0]
 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 29
 Path is currently at node 6 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 29
 Path is currently at node 8 with load 5
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 PRICER_C: Found path with load 29
 Path is currently at node 9 with load 5
 Path is currently at node 10 with load 6
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 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 29
 Path is currently at node 3 with load 7

Path is currently at node 10 with load 6
 Path is currently at node 8 with load 5
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 27
 Path is currently at node 8 with load 5
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 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 27
 Path is currently at node 9 with load 5
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 PRICER_C: Found path with load 26
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 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 18
 Path is currently at node 9 with load 5
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 PRICER_C: Found path with load 18
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 PRICER_C: Found path with load 16
 Path is currently [0 1 8 7 10 7 9 11 0 0 0 0 0 0 0 0 0 0 0
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 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 26
 Path is currently at node 10 with load 6
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 PRICER_C: Found path with load 21
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 Path is currently at node 6 with load 5

PRICER_C: Found path with load 23
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 21
 Path is currently at node 8 with load 5
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 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 21
 Path is currently at node 9 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 8 with load 5
 PRICE
 Labelling found path (0, 1, 8, 7, 10, 7, 9, 11) with negative reduced cost
 Added (0, 1, 8, 7, 10, 7, 9, 11) with path weight 26
 There are 1 occurrences of node 1
 There are 2 occurrences of node 7
 There are 1 occurrences of node 8
 There are 1 occurrences of node 9
 There are 1 occurrences of node 10
 Dual variables are [3.4666666666666666, -3.0666666666666664, -0.7333333333333334,
 3.2666666666666666, 1.4333333333333327, 1.5999999999999996, 3.0,
 5.933333333333333, 5.0, 5.6000000000000005, -0.0]
 R_C: Found path with load 24
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 22
 Path is currently at node 10 with load 6
 Path is currently at node 8 with load 5
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 29
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 Path is currently at node 8 with load 5
 Path is currently at node 10 with load 6
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 PRICER_C: Found path with load 29
 Path is currently at node 9 with load 5

Path is currently at node 10 with load 6
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 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 28
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 PRICER_C: Found path with load 26
 Path is currently at node 8 with load 5
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 PRICER_C: Found path with load 26
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 Path is currently at node 9 with load 5
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 PRICER_C: Found path with load 29
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 29
 Path is currently at node 6 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Labelling found path (0, 9, 7, 8, 10, 8, 10, 11) with negative reduced cost
 Added (0, 9, 7, 8, 10, 8, 10, 11) with path weight 30
 There are 1 occurrences of node 7
 There are 2 occurrences of node 8
 There are 1 occurrences of node 9
 There are 2 occurrences of node 10
 Dual variables are [4.09090909090909, -2.4545454545454533, -0.3181818181818201, 3.68181818181818, 1.0454545454545467, 1.6818181818181799, 3.0, 5.545454545454547, 4.8181818181818175, 5.545454545454547, -0.0]
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 29
 Path is currently at node 8 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 29
 Path is currently at node 9 with load 5
 Path is currently at node 10 with load 6

Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 29
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 8 with load 5
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 27
 Path is currently at node 8 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 8 with load 5
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 27
 Path is currently at node 9 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 8 with [0 1 8 7 9 7 10 11 0 0 0 0 0 0 0
 0 0 0 0 0 0 0 0 0 0
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 Path is currently at node 10 with load 6
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 20
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 18
 Path is currently at node 9 with load 5
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 15
 Path is currently at node 9 with load 5
 Path is currently at node 6 with load 5
 PRICER_C: Found path with load 18
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 16
 Path is currently at node 9 with load 5
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 19
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 26
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 24
 Path is currently at node 10 with load 6
 Path is
 Labelling found path (0, 1, 8, 7, 9, 7, 10, 11) with negative reduced cost
 Added (0, 1, 8, 7, 9, 7, 10, 11) with path weight 25
 There are 1 occurrences of node 1

There are 2 occurrences of node 7
 There are 1 occurrences of node 8
 There are 1 occurrences of node 9
 There are 1 occurrences of node 10
 Dual variables are [3.625, -2.25, -0.34375, 3.65625, 1.0625, 1.65625, 2.5, 5.5625, 5.25, 5.5625, -0.0]
 currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 22
 Path is currently at node 10 with load 6
 Path is currently at node 9 with load 5
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 26
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 24
 Path is currently at node 9 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 29
 Path is currently at node 6 with load 5
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 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 29
 Path is currently at node 9 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 29
 Path is currently at node 3 with 1[0 1 8 7 9 7 9 11 0 0 0 0 0 0 0
 0 0 0 0 0 0 0 0 0 0
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 Labelling found path (0, 1, 8, 7, 9, 7, 9, 11) with negative reduced cost
 Path already in variables with reduced cost -0.6875 with farkas False.
 Farkas Values are [0.0, 0.0, 0.0, 0.0, 0.0, 0.0, -0.5, 0.0, 0.0, 0.0, 0.0]
 There are no paths with negative reduced costload 7
 Path is currently at node 10 with load 6
 Path is currently at node 9 with load 5
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 27
 Path is currently at node 9 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 9 with load 5
 Path is currently at node 10 with load 6
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 18

Path is currently at node 10 with load 6
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 17
 Path is currently at node 10 with load 6
 Path is currently at node 6 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 28
 Path is currently at node 10 with load 6
 Path is currently at node 4 with load 6
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 27
 Path is currently at node 10 with load 6
 Path is currently at node 6 with lo
 Dual variables are [4.09090909090909, -2.4545454545454533, -0.3181818181818201,
 3.68181818181818, 1.0454545454545467, 1.6818181818181799, 3.0,
 5.545454545454547, 4.8181818181818175, 5.545454545454547, -0.0]
 [0 1 8 7 9 7 10 11 0 0 0 0 0 0 0 0 0 0 0 0 0 0
 0]
 Labelling found path (0, 1, 8, 7, 9, 7, 10, 11) with negative reduced cost
 Path already in variables with reduced cost -1.0 with farkas False.
 Farkas Values are [0.0, 0.0, 0.0, 0.0, 0.0, 0.0, -0.5, 0.0, 0.0, 0.0, 0.0]ad 5
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 25
 Path is currently at node 10 with load 6
 Path is currently at node 6 with load 5
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 26
 Path is currently at node 9 with load 5
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 PRICER_C: Found path with load 24
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 PRICER_C: Found path with load 22
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 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 22
 Path is currently at node 10 with load 6
 Path is currently at node 6 with load 5

Path is currently at node 10 with load 6
 PRICER_C: Found pat
 There are no paths with negative reduced costs
 Dual variables are [5.427631578947369, -4.513157894736843, -0.35526315789473717,
 4.4407894736842115, 0.5394736842105257, 2.4407894736842115, 4.552631578947368,
 5.835526315789474, 3.697368421052632, 5.039473684210526, -0.0]
 h with load 24
 Path is currently at node 9 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 23
 Path is currently at node 9 with load 5
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 PRICER_C: Found path with load 22
 Path is currently at node 9 with load 5
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 PRICER_C: Found path with load 30
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 PRICER_C: Found path with load 30
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PRICER_C: Found path with load 18
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PRICER_C: Found path with load 23
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Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
PRICER_C: Found path with load 30

Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
PRICER_C: Found path with load 29
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
Path is currently at node 10 with load 6
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PRICER_C: Found path with load 30
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
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PRICER_C: Found path with load 28
Path is currently at node 9 with load 5
Path is currently at node 4 with load 6
Path is currently at node 10 with load 6
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PRICER_C: Found path with load 29
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Path is currently at node 4 with load 6
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PRICER_C: Found path with load 29
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PRICER_C: Found path with load 30
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
PRICER_C: Capacity is 30
PRICER_C: Found path with load 30
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
Path is currently at node 9 with load 5
PRICER_C: Found path with load 29
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PRICER_C: Found path with load 24
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PRICER_C: Found path with load 26
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PRICER_C: Found path with load 24
Path is currently at node 10 with load 6
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PRICER_C: Found path with load 24
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PRICER_C: Found path with load 29
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Path is currently at node 3 with load 7
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PRICER_C: Found path with load 30
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PRICER_C: Found path with load 27
Path is currently at node 9 with load 5
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PRICER_C: Found path with load 29
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PRICER_C: Found path with load 30
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PRICER_C: Capacity is 30
PRICER_C: Found path with load 30

Path is currently at node 9 with load 5
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 Path is currently at node 9 with load 5
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 Path is currently at node 10 with load 6
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 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 30
 Path is currently at node 9 with load 5
 Path is currently at node 5 with load 5
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 27
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node[0 1 8 7 8 7 10 11 0 0 0 0 0 0 0 0 0
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 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 25
 Path is currently at node 10 with load 6
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 30
 Path is currently at node 9 with load 5
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 Path is currently at node 9 with load 5
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 PRICER_C: Found path with load 30
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 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 26
 Path is currently at node 10 with load 6

Path is currently at node 9 with load 5
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 PRICER_C: Found path with load 30
 Path is currently at node 9 with load 5
 Path is currently at node 5 with load 5
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 27
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 26
 Path is currently at node 10 with load 6
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 30
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 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 30
 Path is currently at node 9 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 6 with load 5
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 29
 Path is currently at node 9 with load 5
 Path is currently at noLabelling found path (0, 1, 8, 7, 8, 7, 10, 11) with negative reduced cost
 Path already in variables with reduced cost -4.243421052631579 with farkas False.
 Farkas Values are [0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, -1.0, 0.0]de 5 with load 5
 Path is currently at node 9 with load 5
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 30
 Path is currently at node 9 with load 5
 Path is currently at node 5 with load 5
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 28
 Path is currently at node 10 with load 6
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5

Path is currently at node 5 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 10 with load 6
 Path is currently at node 4 with load 6
 Path is currently at node 10 with load 6
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 29
 Path is currently at node 10 with load 6
 Path is currently at node 6 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2

There are no paths with negative reduced costs

Dual variables are [4.821428571428574, -4.285714285714295, -1.4999999999999876,
 2.50000000000000124, 2.035714285714276, 0.7857142857142971, 4.714285714285714,
 5.714285714285717, 3.5357142857142856, 5.9285714285714235, -0.0]

PRICER_C: Capacity is 30
 PRICER_C: Found path with load 26
 Path is currently at node 10 with load 6
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 24
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 29
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 9 with load 5
 Path is currently at node 5 with load 5
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 29
 Path is currently at node 9 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 30
 Path is currently at node 10 with load 6
 Path is currently at node 8 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 28

Path is currently at node 10 with load 6
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 29
 Path is currently at node 10 with load 6
 Path is currently at node 8 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 26
 Path is currently at node 10 with load 6
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 24
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 29
 Path is currently at node 10 with load[0 1 8 7 10 7 9 11 0 0 0 0 0 0
 0 0 0 0 0 0 0 0 0 0 0
 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0] 6
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 9 with load 5
 Path is currently at node 5 with load 5
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 29
 Path is currently at node 9 with load 5
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 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 28
 Path is currently at node 10 with load 6
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 10 with load 6
 Path is currently at node 4 with load 6
 Path is currently at node 10 with load 6
 Path is currently at node 9 with load 5

Path is currently at node 7 with load 2
PRICER_C: Capa
Labelling found path (0, 1, 8, 7, 10, 7, 9, 11) with negative reduced cost
Path already in variables with reduced cost -3.4285714285714306 with farkas
False.
Dual variables are [-1.1666666666666667, -15.166666666666666, -3.0, -3.0,
7.333333333333333, -1.0, 17.0, -9.0, -11.0, -6.666666666666666, -0.0]
city is 30
PRICER_C: Found path with load 30
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
Path is currently at node 9 with load 5
PRICER_C: Found path with load 29
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
Path is currently at node 10 with load 6
PRICER_C: Found path with load 30
Path is currently at node 10 with load 6
Path is currently at node 1 with load 10
Path is currently at node 10 with load 6
PRICER_C: Found path with load 26
Path is currently at node 10 with load 6
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 30
Path is currently at node 9 with load 5
Path is currently at node 10 with load 6
Path is currently at node 6 with load 5
Path is currently at node 10 with load 6
PRICER_C: Found path with load 29
Path is currently at node 9 with load 5
Path is currently at node 5 with load 5
Path is currently at node 9 with load 5
Path is current[0 7 5 7 5 7 5 7 5 7 11 0 0 0 0 0 0 0 0 0
0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]
Labelling found path (0, 7, 5, 7, 5, 7, 5, 7, 5, 7, 11) with negative reduced
cost
Added (0, 7, 5, 7, 5, 7, 5, 7, 5, 7, 11) with path weight 97
There are 4 occurrences of node 5
There are 5 occurrences of node 7
Dual variables are [-2.25, -15.25, -3.0, -3.0, 3.0, -1.0, 17.0, -9.0, -11.0,
-4.5, -0.0]
ly at node 10 with load 6
PRICER_C: Found path with load 30
Path is currently at node 9 with load 5
Path is currently at node 5 with load 5
Path is currently at node 9 with load 5

Path is currently at node 1 with load 10
PRICER_C: Capacity is 30
PRICER_C: Found path with load 30
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
Path is currently at node 9 with load 5
PRICER_C: Found path with load 29
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
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PRICER_C: Found path with load 30
Path is currently at node 10 with load 6
Path is currently at node 1 with load 10
Path is currently at node 10 with load 6
PRICER_C: Found path with load 26
Path is currently at node 10 with load 6
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 30
Path is currently at node 9 with load 5
Path is currently at node 10 with load 6
Path is currently at node 6 with load 5
Path is currently at node 10 with load 6
PRICER_C: Capacity is 30
PRICER_C: Found path with load 30
Path is currently at node 9 with load 5
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Path is currently at node 9 with load 5
PRICER_C: Found path with load 29
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Path is currently at node 10 with load 6
PRICER_C: Found path with load 30
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Path is currently at node 10 with load 6
PRICER_C: Found path with load 26
Path is currently at node 10 with load 6
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
PRICER_C: Capacity is 30
PRICER_C: Found path with load 30
Path is currently at node 9 with load 5
Path is currently at node 10 with load 6
Path is currently at node 8 with load 5
Path is currently at node 10 with load 6
PRICER_C: Found path with load 29
Path is currently at node 9 with load 5

Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 30
 Path is currently at node 10 with load 6
 Path is currently at node 8 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 30
 Path is currently at node 9 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 9 with load 5
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 PRICER_C: Found path with load 29
 Path is currently at node 9 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 30
 Path is currently at node 10 with load 6
 Path is currently at node 9 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 30
 Path is currently at node 9 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 8 with load 5
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 30
 Path is currently at node 9 with load 5
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 PRICER_C: Found path with load 29
 Path is currently at node 9 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 30
 Path is currently at node 10 with load 6
 Path is currently at node 9 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 17
 Path is currently at node 3 with load 7

PRICER_C: Found path with load 15
Path is currently at node 8 with load 5
PRICER_C: Found path with load 15
Path is currently at node 9 with load 5
PRICER_C: Found path with load 13
Path is currently at node 3 with load 7
PRICER_C: Found path with load 27
Path is currently at node 1 with load 10
Path is currently at node 3 with load 7
PRICER_C: Found path with load 23
Path is currently at node 4 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 23
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 26
Path is currently at node 1 with load 10
Path is currently at node 4 with load 6
PRICER_C: Found path with load 23
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
PRICER_C: Found path with load 21
Path is currently at node 9 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 22
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
PRICER_C: Found path with load 25
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 21
Path is currently at node 10 with load 6
Path is currently at node 8 with load 5
PRICER_C: Found path with load 24
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 23
Path is currently at node 4 with load 6
Path is currently at node 1 with load 10
PRICER_C: Found path with load 22
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 22
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 23
Path is currently at node 1 with load 10
Path is currently at node 4 with load 6

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PRICER_C: Found path with load 20
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 21
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 20
Path is currently at node 8 with load 5
Path is currently [ 0 7 1 7 10 7 10 7 11 0 0 0 0 0 0 0 0 0 0
0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]at node 1 with load 10
PRICER_C: Found path with load 20
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 29
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 3 with load 7
PRICER_C: Found path with load 30
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
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PRICER_C: Found path with load 28
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PRICER_C: Found path with load 28
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Path is currently at node 3 with load 7
PRICER_C: Found path with load 29
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 30
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 29
Path is currently at node 4 with load 6
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 28
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 4 with load 6
PRICER_C: Found path with load 29
Path is currently at node 10 with load 6

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Path is currently at node 3 with load 7
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 27
 Path is currently at node 4 with load 6
 Path is currently at node 9 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 29
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 27
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
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 _C: Found path with load 27
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 30
 Path is currently at node 6 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 27
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 26
 Path is currently at node 9 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 4 with load 6
 PatLabelling found path (0, 7, 1, 7, 10, 7, 10, 7, 11) with negative reduced cost
 Added (0, 7, 1, 7, 10, 7, 10, 7, 11) with path weight 41h is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 26
 Path is currently at node 7 with load 2

Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 30
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 28
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 28
 Path is currently at node 9 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 24
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 28
 Path is currently at node 4 with load 6
 Path is currently at node 9 with load 5
 Path is currently at node 1 with
 There are 1 occurrences of node 1
 There are 4 occurrences of node 7
 There are 2 occurrences of node 10
 Dual variables are [-1.0, -13.0, -3.0, -3.0, 3.0, -1.0, 17.0, -9.0, -11.0, -13.0, -0.0]
 load 10
 PRICER_C: Found path with load 29
 Path is currently at node 4 with load 6
 Path is currently at node 1 with load 10
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 28
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 30
 Path is currently at node 1 with load 10
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 26
 Path is currently at node 4 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 26
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6

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PRICER_C: Found path with load 27
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 1 with load 10
PRICER_C: Found path with load 27
Path is currently at node[ 0 7 1 7 1 7 11 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0
    0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]
Labelling found path (0, 7, 1, 7, 1, 7, 11) with negative reduced cost
Added (0, 7, 1, 7, 1, 7, 11) with path weight 33
There are 2 occurrences of node 1
There are 3 occurrences of node 7
Dual variables are [-9.0, -13.0, -3.0, -3.0, 3.0, -1.0, 17.0, -9.0, -11.0, -9.0,
-0.0]
There are no paths with negative reduced costs
Dual variables are [9.516129032258064, -10.161290322580644, 3.8064516129032278,
3.70967741935484, -4.451612903225805, -1.193548387096775, 1.7096774193548387,
7.96774193548387, 5.967741935483871, 2.548387096774194, -0.0] 9 with load 5
Path is currently at node 4 with load 6
Path is currently at node 1 with load 10
PRICER_C: Found path with load 26
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 1 with load 10
PRICER_C: Found path with load 26
Path is currently at node 9 with load 5
Path is currently at node 4 with load 6
Path is currently at node 1 with load 10
PRICER_C: Found path with load 30
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Capacity is 30
PRICER_C: Found path with load 17
Path is currently at node 3 with load 7
PRICER_C: Found path with load 23
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 23
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
PRICER_C: Found path with load 21
Path is currently at node 9 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 23
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6

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PRICER_C: Found path with load 24
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 22
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 22
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 20
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
PRICER_C: Found path with load 18
Path is currently at node 9 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 20
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 18
Path is currently at node 8 with load 5
Path is currently at node 10 with load 6
PRICER_C: Found path with load 19
Path is currently at node 3 with load 7
Path[ 0  8  7  8  1  8 11  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
      0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0]
Labelling found path (0, 8, 7, 8, 1, 8, 11) with negative reduced cost
Added (0, 8, 7, 8, 1, 8, 11) with path weight 25
  is currently at node 10 with load 6
PRICER_C: Found path with load 20
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 28
Path is currently at node 9 with load 5
Path is currently at node 4 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 30
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 29
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
PRICER_C: Found path with load 30
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30

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Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 26
 Path is currently at node 9 with load 5
 There are 1 occurrences of node 1
 There are 1 occurrences of node 7
 There are 3 occurrences of node 8
 Dual variables are [6.68, -4.826666666666665, -3.0666666666666638,
 0.93333333333333362, 1.1733333333333347, 0.100000000000000142, 2.5200000000000005,
 5.266666666666667, 5.359999999999999, 6.6, -0.0]
 Path is currently at node 4 with load 6
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 29
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 30
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 28
 Path is currently at node 9 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 28
 Path is currently at node 10 with load 6
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 28
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 26
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 28
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 30
 Path is currently at node 1 with load 10
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 26
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7

Path is currently at node 4 with load 6
 PRICER_C: Found path with load 21
 Path is currently at node 9 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 22
 Path is currently at node 10 with load 6
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 25
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 21
 Path is currently at node 10 with load 6
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 24
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 23
 Path is currently at node 4 with load 6
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 22
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 22
 Path is currently at node 9 with load 5
 PatThere are 1 occurrences of node 1
 There are 1 occurrences of node 7
 There are 1 occurrences of node 8
 There are 2 occurrences of node 10
 Dual variables are [8.64, -6.179999999999999, 4.719999999999999,
 2.7799999999999994, -0.9799999999999999, 0.8000000000000007, 1.9600000000000002,
 4.799999999999999, 5.779999999999999, 3.8, -0.0]h is currently at node 1 with
 load 10
 PRICER_C: Found path with load 23
 Path is currently at node 1 with load 10
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 20
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 21
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 20
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 20
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 29

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Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 3 with load 7
PRICER_C: Found path with load 30
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 28
Path is currently at node 6 with load 5
Path
  is currently at node 4 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 28
Path is currently at node 9 with load 5
Path is currently at node 4 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 29
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 30
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 29
Path is currently at node 4 with load 6
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 28
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 4 with load 6
PRICER_C: Found path with load 29
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 4 with lo[ 0  1  9  7  9  7  9 11  0  0  0  0  0  0  0
0  0  0  0  0  0  0  0  0  0
  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0]
Labelling found path (0, 1, 9, 7, 9, 7, 9, 11) with negative reduced cost
Path already in variables with reduced cost -5.899999999999999 with farkas
False.
Farkas Values are [0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, -1.0, 0.0]
ad 6
PRICER_C: Found path with load 27
Path is currently at node 4 with load 6
Path is currently at node 9 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 29

```

Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 27
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 27
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 30
 Path is currently at node 6 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 27
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 8 with There are no paths with negative reduced costs
 Dual variables are [6.680000000000001, -4.826666666666665, -3.066666666666664,
 0.9333333333333336, 1.1733333333333356, 0.09999999999999964, 2.5200000000000005,
 5.266666666666666, 5.359999999999999, 6.6000000000000005, -0.0]
 load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 26
 Path is currently at node 9 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 4 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 26
 Path is currently at node 7 with load 2
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 30
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 28

Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 1 with load 10
PRICER_C: Found path with load 28
Path is currently at node 9 with load 5
Path is currently at node 4 with load 6
Path is currently at node 1 with load 10
PRICER_C: Found path with load 24
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 28
Path is currently at node 4 with load 6
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 29
Path is currently at node 4 with load 6
Path is currently at node 1 with load 10
Path is currently at node 4 with load 6
PRICER_C: Found path with load 28
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 4 with load 6
PRICER_C: Found path with load 30
Path is currently at node 1 with load 10
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 26
Path is currently at node 4 with load 6
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 26
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 27
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 1 with load 10
PRICER_C: Found path with load 27
Path is currently at node 9 with load 5
Path is currently at node 4 with load 6
Path is currently at node 1 with load 10
PRICER_C: Found path with load 26
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 1 with load 10
PRICER_C: Found path with load 26

Path is currently at node 9 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 30
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Capacity is 30
 PRICER_C: There are no paths with negative reduced costs
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 17
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 15
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 15
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 27
 Path is currently at node 1 with load 10
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 23
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 26
 Path is currently at node 1 with load 10
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 23
 Path is currently at node 3 with load 7
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 21
 Path is currently at node 9 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 22
 Path is currently at node 1[0 1 8 10 7 10 11 0 0 0 0 0 0 0 0 0
 0 0 0 0 0 0 0
 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]0 with load 6
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 25
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 21
 Path is currently at node 10 with load 6
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 24
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 22
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10

PRICER_C: Found path with load 22
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 23
 Path is currently at node 1 with load 10
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 20
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 21
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with
 Labelling found path (0, 1, 8, 10, 7, 10, 11) with negative reduced cost
 Path already in variables with reduced cost -4.666666666666668 with farkas
 False.
 Dual variables are [11.80952380952381, -8.047619047619047, 10.904761904761905,
 4.619047619047617, -4.380952380952383, -4.285714285714285, 1.4761904761904758,
 3.9047619047619033, 5.857142857142858, -1.571428571428573, -0.0]
 load 22
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 20
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 20
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 29
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 30
 Path is currently at node 3 with load 7
 Path is currently at node 4 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 28
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 28
 Path is currently at node 9 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 30
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7

PRICER_C: Found path with load 29
Path is currently at node 4 with load 6
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 28
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 4 with load 6
PRICER_C: Found path with load 29
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
PRICER_C: Found path with load 29
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 28
Path is currently at node 4 with load 6
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 27
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 27
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 30
Path is currently at node 6 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 27
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 4 with load 6
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10

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PRICER_C: Found path with load 26
Path is currently at node 7 with load 2
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 30
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 28
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 1 with load 10
PRICER_C: Found path with load 28
Path is currently at node 9 with load 5
Path is currently at node 4 with load 6
Path is currently at node 1 with load 10
PRICER_C: Found path with load 24
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 28
Path is currently at node 4 with load 6
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 29
Path is currently at node 4 with load 6
Path is currently at node 1 with load 10
Pat[ 0 3 1 9 7 9 11 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
    0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]h is currently at node 4 with
load 6
PRICER_C: Found path with load 28
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 4 with load 6
PRICER_C: Found path with load 26
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 28
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 30
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 29
Path is currently at node 9 with load 5

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Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Capacity is 30
 PRICER_C: There are no paths with negative reduced costs
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 17
 Path
 Labelling found path (0, 3, 1, 9, 7, 9, 11) with negative reduced cost
 Added (0, 3, 1, 9, 7, 9, 11) with path weight 23
 There are 1 occurrences of node 1
 There are 1 occurrences of node 3
 There are 1 occurrences of node 7
 There are 2 occurrences of node 9
 Dual variables are [14.0, -4.465116279069768, 10.720930232558139,
 -1.7674418604651159, 0.3720930232558137, 0.1395348837209296,
 -2.1860465116279073, 4.395348837209302, 0.23255813953488413, 1.3720930232558146,
 -0.0]
 is currently at node 3 with load 7
 PRICER_C: Found path with load 15
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 15
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 27
 Path is currently at node 1 with load 10
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 23
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 26
 Path is currently at node 1 with load 10
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 21
 Path is currently at node 9 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 22
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 25
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 21
 Path is currently at node 10 with load 6
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 24
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 22

Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 22
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 22
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 20
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 20
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 29
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 3 with load 7
PRICER_C: Found path with load 28
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 30
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 28
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 4 with load 6
PRICER_C: Found path with load 29
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 24
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 27
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 27
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 30
Path is currently at node 5 with load 5

Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 6 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 27
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 4 with load 6
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 26
Path is currently at node 7 with load 2
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 30
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 28
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 1 with load 10
PRICER_C: Found path with load 24
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 28
Path is currently at node 10 with load 6
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 27
Path is currently at node 6 with load 5
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 28
Path is currently at node 10 with load 6

Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 30
 Path is currently at node 1 with [0 3 10 1 9 11 0 0 0 0 0 0 0 0 0 0 0
 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]
 Labelling found path (0, 3, 10, 1, 9, 11) with negative reduced cost
 Path already in variables with reduced cost -8.325581395348838 with farkas
 False.
 Farkas Values are [0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, -1.0, 0.0, 0.0]
 There are no paths with negative reduced costs
 Dual variables are [11.80952380952381, -8.047619047619047, 10.904761904761905,
 4.619047619047617, -4.380952380952383, -4.285714285714285, 1.4761904761904758,
 3.9047619047619033, 5.857142857142858, -1.571428571428573, -0.0]
 h load 10
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 22
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 29
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
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 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 29
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 PRICER_C: Found path with load 27
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 21
 Path is currently at node 10 with load 6
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 27
 Path is currently at node 8 with load 5
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 PRICER_C: Found path with load 30
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PRICER_C: Found path with load 30
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PRICER_C: Found path with load 22
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PRICER_C: Found path with load 26
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PRICER_C: Found path with load 28
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PRICER_C: Found path with load 30
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PRICER_C: Found path with load 28
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PRICER_C: Found path with load 28
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 PRICER_C: Found path with load 29
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 PRICER_C: Found path with load 30
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 PRICER_C: Found path with load 30
 Path is currently at node 9 with load 5
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 Path is currently at node 8 with load 5
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 30
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 PRICER_C: Found path with load 30
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 26
 Path is currently at node 8 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 8 with load[0 3 1 9 7 9 11 0 0 0 0 0 0 0


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PRICER_C: Found path with load 26
Path is currently at node 10 with load 6
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 28
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
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Path is currently at node 8 with load 5
PRICER_C: Found path with load 27
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 29
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at n
Labelling found path (0, 3, 1, 9, 7, 9, 11) with negative reduced cost
Path already in variables with reduced cost -12.904761904761905 with farkas
False.
Farkas Values are [0.0, 0.0, -1.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0]
ode 8 with load 5
PRICER_C: Found path with load 29
Path is currently at node 10 with load 6
Path is currently at node 8 with load 5
Path is currently at node 10 with load 6
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
PRICER_C: Capacity is 30
PRICER_C: Found path with load 21
Path is currently at node 10 with load 6
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30

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Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 26
 Path is currently at node 8 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 26
 Path is currently at node 10 with load 6
 Path is currently at node 8 with load 5
 Path is currently at node There are no paths with negative reduced costs
 Dual variables are [14.0, -8.958333333333334, 28.708333333333333,
 6.0625000000000002, -17.250000000000004, -11.833333333333336,
 -12.749999999999996, 7.916666666666664, 9.416666666666668, -11.333333333333332,
 -0.0]
 1 with load 10
 PRICER_C: Found path with load 28
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 10 with load 6
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 27
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
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 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 29
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 PRICER_C: Found path with load 30
 Path is currently at node 10 with load 6
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 Path is currently at node 8 with load 5
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 30
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
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 PRICER_C: Found path with load 26

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 PRICER_C: Found path with load 30
 Path is currently at node 10 with load 6
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 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 29
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 PRICER_C: Found path with load 28
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 Path is currently at node 10 with load 6
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 29
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 Path is currently at node 9 with load 5
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 PRICER_C: Capacity is 30
 PRICER_C: There are no paths with negative reduced costs
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 21
 Path is currently at node 10 with load 6
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 30
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 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 9 with load 5
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 PRICER_C: Found path with load 26

Path is currently at node 8 with load 5
 Path is currently at node 10 with load 6
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 PRICER_C: Found path with load 30
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 Path is currently at node 8 with load 5
 PRICER_C: Capacity is 30
 PRICER_C: There are no paths with negative reduced costs
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 21
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 PRICER_C: Found path with load 27
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 PRICER_C: Found path with load 30
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 PRICER_C: Found path with load 30
 Path is currently at node 8 with load 5

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PRICER_C: Found path with load 30
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PRICER_C: Found path with load 22
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PRICER_C: Found path with load 22
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PRICER_C: Found path with load 23
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PRICER_C: Found path with load 28
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PRICER_C: Found path with load 26
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PRICER_C: Found path with load 26
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PRICER_C: Found path with load 26
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PRICER_C: Found path with load 28
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PRICER_C: Found path with load 30
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Path is currently at node 8 with load 5
PRICER_C: Found path with load 28
Path is currently at node 6 with load 5
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Path is currently at node 8 with load 5
 PRICER_C: Found path with load 28
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 PRICER_C: Found path with load 29
 Path is currently at node 9 with load 5
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 PRICER_C: Found path with load 30
 Path is currently at node 10 with load 6
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Capacity is 30
 PRICER_C: There are no paths with negative reduced costs
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 21
 Path is currently at node 10 with load 6
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 27
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10

Path is currently at node 7 with load 2
PRICER_C: Found path with load 30
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 9 with load 5
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PRICER_C: Found path with load 22
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PRICER_C: Found path with load 22
Path is currently at node 9 with load 5
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PRICER_C: Found path with load 23
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PRICER_C: Found path with load 26
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PRICER_C: Found path with load 26
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PRICER_C: Found path with load 28
Path is currently at node 10 with load 6
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Path is currently at node 7 with load 2
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PRICER_C: Found path with load 30
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
PRICER_C: Found path with load 28
Path is currently at node 6 with load 5
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5

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PRICER_C: Found path with load 28
Path is currently at node 8 with load 5
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
PRICER_C: Found path with load 28
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 8 with load 5
PRICER_C: Found path with load 29
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
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PRICER_C: Found path with load 27
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 29
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
PRICER_C: Found path with load 29
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is[ 0  3  9  3 10 11  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
        0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0]
Labelling found path (0, 3, 9, 3, 10, 11) with negative reduced cost
Added (0, 3, 9, 3, 10, 11) with path weight 31
    currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5

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PRICER_C: Capacity is 30
 PRICER_C: Found path with load 7
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 17
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 17
 Path is currently at node 5 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 14
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 9
 Path is currently at node 7 with load 2
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 22
 Path is currently at node 5 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 PRICER_C: Found path There are 2 occurrences of node 3
 There are 1 occurrences of node 9
 There are 1 occurrences of node 10
 Dual variables are [14.0, -8.052083333333332, 14.416666666666664,
 9.125000000000004, -9.958333333333336, -10.843750000000004, -0.5,
 3.833333333333333, 5.718749999999999, -3.5520833333333286, -0.0]
 with load 19
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 24
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 21
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 19
 Path is currently at node 5 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 19
 Path is currently at node 6 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 20
 Path is currently at node 10 with load 6
 Path is currently at node 7 with load 2

Path is currently at node 1 with load 10
PRICER_C: Found path with load 18
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
PRICER_C: Found path with load 16
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 5 with load 5
PRICER_C: Found path with load 14
Path is currently at node 5 with load 5
Path is currently at node 7 with load 2
Path is currently at node 5 with load 5
PRICER_C: Found path with load 14
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
Path is currently at node 5 with load 5
PRICER_C: Found path with load 29
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
PRICER_C: Found path with load 29
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 26
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 24
Path is currently at node 5 with load 5
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 24
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 25
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 29

Path is currently at node 5 with load 5
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
PRICER_C: Found path with load 26
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
PRICER_C: Found path with load 24
Path is currently at node 6 with load 5
Path is currently at node 5 with load 5
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
PRICER_C: Found path with load 21
Path is currently at node 7 with load 2
Path is currently at node 5 with load 5
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
PRICER_C: Found path with load 16
Path is currently at node 7 with load 2
Path is currently at node 5 with load 5
Path is currently at node 7 with load 2
Path is currently at node 5 with load 5
PRICER_C: Found path with load 29
Path is currently at node 6 with load 5
Path is currently at node 5 with load 5
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 30
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
PRICER_C: Found path with load 28
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 5 with load 5
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
PRICER_C: Found path with load 26
Path is currently at node 5 with load 5
Path is currently at node 7 with load 2
Path is currently at node 5 with load 5
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10

PRICER_C: Found path with load 26
 Path is currently at node 6 with load 5
 Path is currently at node 7 with load 2
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 Path is currently at node 7 with load 2
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 PRICER_C: Found path with load 26
 Path is currently at node 8 with load 5
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 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 26
 Path is currently at node 9 with load 5
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 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 27
 Path is currently at node 10 with load 6
 Path is currently at node 7 with load 2
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 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 26
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
 Path is currently at node 5 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 23
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 Path is currently at node 5 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 21
 Path is currently at node 5 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 5 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 21
 Path is currently at node 6 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 5 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 5 with load 5

```

PRICER_C: Found path with load 22
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 5 with load 5
Path is currently at node 7 with load 2
Path is currently at node 5 with load 5
PRICER_C: Found path with load 28
Path is currently at node 7 with load 2
Path is currently at node 5 with load 5
Path is currently at node 7 with load 2
Path is currently at node 5 with load 5
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
PRICER_C: Found path with load 23
Path is currently at node 7 with load 2
Path is currently at node 5 with load 5
Path is currently at node 7 with load 2
Path is currently at node 5 with load 5
Path is currently at node 7 with load 2
Path is currently at node 5 with load 5
PRICER_C: Found path with load 30
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 5 with load 5
Path is currently at node 7 with load 2
Path is currently at node 5 with load 5
Path is currently at node 7 with load 2
Path is currently at node 5 with load 5
PRICER_C: Found path with load 28
Path is currently at node 5 with load 5
Path is currently at node 7 with load 2
Path is currently at node 5 with load 5
Path is currently at node 7 with load 2
Path is currently at node 5 with load 5
Path is currently at node 7 with load 2
Path is currently at node 5 with load 5
PRICER_C: Found path with load 28
Path is currently at node 6 with load 5
Path is currently at [ 0 9 1 3 10 11 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0] node 7 with load 2
Path is currently at node 5 with load 5
Path is currently at node 7 with load 2
Path is currently at node 5 with load 5
Path is currently at node 7 with load 2
Path is currently at node 5 with load 5
PRICER_C: Found path with load 28
Path is currently at node 8 with load 5

```

Path is currently at node 7 with load 2
 Path is currently at node 5 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 5 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 28
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 5 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 5 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 29
 Path is currently at node 10 with load 6
 Path is currently at node 7 with load 2
 Path is currently at node 5 with load
 Labelling found path (0, 9, 1, 3, 10, 11) with negative reduced cost
 Added (0, 9, 1, 3, 10, 11) with path weight 19
 There are 1 occurrences of node 1
 There are 1 occurrences of node 3
 There are 1 occurrences of node 9
 There are 1 occurrences of node 10
 Dual variables are [7.68421052631579, -4.543859649122805, 8.789473684210527,
 8.86842105263158, -3.6754385964912304, -1.3421052631578965, 4.947368421052631,
 4.122807017543859, 2.7894736842105257, -0.2631578947368428, -0.0]
 5
 Path is currently at node 7 with load 2
 Path is currently at node 5 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 7 with load 2
 Path is currently at node 5 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 5 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 5 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 5 with load 5
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 14
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 10
 Path is currently at node 7 with load 2
 Path is currently at node 10 with load 6

PRICER_C: Found path with load 24
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
PRICER_C: Found path with load 21
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
PRICER_C: Found path with load 19
Path is currently at node 5 with load 5
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
PRICER_C: Found path with load 19
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
PRICER_C: Found path with load 20
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
PRICER_C: Found path with load 17
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
PRICER_C: Found path with load 15
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
PRICER_C: Found path with load 16
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
PRICER_C: Found path with load 29
Path is currently at node 5 with load 5
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
PRICER_C: Found path with load 26
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
PRICER_C: Found path with load 22
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
PRICER_C: Found path with load 18

Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
PRICER_C: Found path with load 29
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
PRICER_C: Found path with load 27
Path is currently at node 5 with load 5
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
PRICER_C: Found path with load 27
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
PRICER_C: Found path with load 27
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
PRICER_C: Found path with load 27
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
PRICER_C: Found path with load 28
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
PRICER_C: Found path with load 28
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
PRICER_C: Found path with load 25
Path is currently at node 3 with load 7

Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
PRICER_C: Found path with load 23
Path is currently at node 5 with load 5
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
PRICER_C: Found path with load 23
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
PRICER_C: Found path with load 24
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
PRICER_C: Found path with load 30
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
PRICER_C: Capacity is 30
PRICER_C: Found path with load 14
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
PRICER_C: Found path with load 24
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
PRICER_C: Found path with load 21
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
PRICER_C: Found path with load 19
Path is currently at node 5 with load 5
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
PRICER_C: Found path with load 19
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2

There are 1 occurrences of node 3
 There are 1 occurrences of node 4
 There are 1 occurrences of node 7
 There are 1 occurrences of node 8
 Dual variables are [7.68421052631579, -4.543859649122806, 8.789473684210527,
 5.456140350877193, -0.2631578947368425, 2.0701754385964897, 4.947368421052631,
 4.122807017543859, 2.7894736842105265, -0.2631578947368422, -0.0]
 is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 20
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 20
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 30
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 29
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 27
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 27
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 30
 Path is currently at node 5 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 6 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 27
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 30

Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 22
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
PRICER_C: Found path with load 28
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 8 with load 5
PRICER_C: Found path with load 26
Path is currently at node 6 with load 5
Path is currently at node 10 with load 6
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 22
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 25
Path is currently at node 9 with load 5
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 26
Path is currently at node 10 with load 6
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 25
Path is currently at node 6 with load 5
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 22
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 27
Path is currently at node 6 with load 5
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
PRICER_C: Found path with load 27
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5

Path is currently at node 1 with load 10
 PRICER_C: Found path with load 27
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 27
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 15
 Path is currently at node 9 with load 5
 PRICER_C: Found path with [0 3 1 8 7 9 11 0 0 0 0 0 0 0 0 0 0
 0 0 0 0 0 0
 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]
 load 16
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 25
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 21
 Path is currently at node 10 with load 6
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 21
 Path is currently at node 8 with load 5
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 20
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 20
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 20
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 20
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 30
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 5 with labelling found path (0, 3, 1, 8, 7, 9, 11) with
 negative reduced cost
 Path already in variables with reduced cost -5.333333333333336 with farkas
 False.
 Farkas Values are [0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, -1.0, 0.0, 0.0, 0.0]

There are no paths with negative reduced costs
Dual variables are [8.647058823529411, -7.1764705882352935, 9.352941176470587,
2.529411764705884, -1.7058823529411757, 3.7647058823529402, 4.882352941176471,
5.588235294117647, 3.0588235294117654, -2.0588235294117636, -0.0]

th load 5

PRICER_C: Found path with load 30

Path is currently at node 9 with load 5

Path is currently at node 1 with load 10

Path is currently at node 5 with load 5

PRICER_C: Found path with load 27

Path is currently at node 8 with load 5

Path is currently at node 1 with load 10

Path is currently at node 7 with load 2

PRICER_C: Found path with load 27

Path is currently at node 9 with load 5

Path is currently at node 1 with load 10

Path is currently at node 7 with load 2

PRICER_C: Found path with load 30

Path is currently at node 5 with load 5

Path is currently at node 1 with load 10

Path is currently at node 8 with load 5

PRICER_C: Found path with load 30

Path is currently at node 6 with load 5

Path is currently at node 1 with load 10

Path is currently at node 8 with load 5

PRICER_C: Found path with load 30

Path is currently at node 8 with load 5

Path is currently at node 1 with load 10

Path is currently at node 8 with load 5

PRICER_C: Found path with load 30

Path is currently at node 9 with load 5

Path is currently at node 1 with load 10

Path is currently at node 8 with load 5

PRICER_C: Found path with load 22

Path is currently at node 9 with load 5

Path is currently at node 7 with load 2

Path is currently at node 8 with load 5

PRICER_C: Found path with load 28

Path is currently at node 3 with load 7

Path is currently at node 10 with load 6

Path is currently at node 8 with load 5

PRICER_C: Found path with load 26

Path is currently at node 6 with load 5

Path is currently at node 10 with load 6

Path is currently at node 8 with load 5

PRICER_C: Found path with load 26

Path is currently at node 8 with load 5

Path is currently at node 10 with load 6

Path is currently at node 8 with load 5
PRICER_C: Found path with load 26
Path is currently at node 9 with load 5
Path is currently at node 10 with load 6
Path is currently at node 8 with load 5
PRICER_C: Found path with load 22
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
PRICER_C: Found path with load 27
Path is currently at node 10 with load 6
Path is currently at node 8 with load 5
Path is currently at node 10 with load 6
PRICER_C: Found path with load 30
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 26
Path is currently at node 10 with load 6
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 30
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 26
Path is currently at node 10 with load 6
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 26
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 28
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 8 with load 5
PRICER_C: Found path with load 29
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 8 with load 5
PRICER_C: Capacity is 30
PRICER_C: Found path with load 17
Path is currently at node 3 with load 7
PRICER_C: Found path with load 15
Path is currently at node 8 with load 5

```

PRICER_C: Found path with load 15
Path is currently at node 9 with load 5
PRICER_C: Found path with load 23
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 25
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 21
Path is currently at node 10 with load 6
Path is currently at node 8 with load 5
PRICER_C: Found path with load 23
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 20
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 20
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 20
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 30
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 28
Path is currently at node 6 with load 5
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 28
Path is currently at node 8 with load 5
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 30
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently a[ 0 3 7 8 1 6 11 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]t node 5 with load 5
PRICER_C: Found path with load 30
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
Path is currently at node 5 with load 5
PRICER_C: Found path with load 27
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10

```


Path is currently at node 7 with load 2
 PRICER_C: Found path with load 27
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 30
 Path is currently at node 5 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 6 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 27
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 30
 Path is current
 Labelling found path (0, 3, 7, 8, 1, 6, 11) with negative reduced cost
 Added (0, 3, 7, 8, 1, 6, 11) with path weight 27
 There are 1 occurrences of node 1
 There are 1 occurrences of node 3
 There are 1 occurrences of node 6
 There are 1 occurrences of node 7
 There are 1 occurrences of node 8
 Dual variables are [8.647058823529413, -7.176470588235295, 9.35294117647059,
 2.529411764705878, -1.7058823529411793, -1.4705882352941222, 4.88235294117647,
 5.588235294117648, 3.0588235294117636, -2.0588235294117663, -0.0]
 ly at node 8 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 28
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 26
 Path is currently at node 6 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 22
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5

PRICER_C: Found path with load 29
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 26
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 30
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 29
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 PRICER_C: Capacity is 30
 PRICER_C: There are no paths with negative reduced costs
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 15
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 16
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 25
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 21
 Path is currently at node 10 with load 6
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 21
 Path is currently at node 8 with load 5
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 20
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 20
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 20
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 20
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 30
 Path is currently at node 8 with load 5

Path is currently at node 1 with load 10
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 27
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 27
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 30
 Path is currently at node 5 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 6 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 22
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 28
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Pat[0 3 1 8 7 9 11 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]h is currently at node 8 with
 load 5
 PRICER_C: Found path with load 26
 Path is currently at node 6 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 26
 Path is currently at node 8 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 8 with load 5

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PRICER_C: Found path with load 26
Path is currently at node 9 with load 5
Path is currently at node 10 with load 6
Path is currently at node 8 with load 5
PRICER_C: Found path with load 22
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
PRICER_C: Found path with load 27
Path is currently at node 10 with load 6
Path is currently at node 8 with load 5
Path is currently at node 10 with load 6
PRICER_C: Found path with load 30
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 2
Labelling found path (0, 3, 1, 8, 7, 9, 11) with negative reduced cost
Path already in variables with reduced cost -8.529411764705884 with farkas
False.
Dual variables are [3.375, -5.25, 8.5, 8.375, -1.5625, -0.0, 6.0, 4.75, 2.25,
-1.75, -0.0]6
Path is currently at node 10 with load 6
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 30
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 26
Path is currently at node 10 with load 6
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 26
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 28
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 8 with load 5
PRICER_C: Found path with load 29
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 8 with load 5
PRICER_C: Capacity is 30

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PRICER_C: Found path with load 7
 PRICER_C: Found path with load 17
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 15
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 15
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 17
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 27
 Path is currently at node 1 with load 10
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 23
 Path is currently at node 4 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 23
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 26
 Path is currently at node 1 with load 10
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 25
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 24
 Path is currently at node 3 with load 7
 Path is current
 ly at node 1 with load 10
 PRICER_C: Found path with load 23
 Path is currently at node 4 with load 6
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 22
 Path is currently at node 6 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 19
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 22
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 22
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 22
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 20
 Path is currently at node 8 with load 5

Path is currently at node 1 with load 10
PRICER_C: Found path with load 20
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 29
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 3 with load 7
PRICER_C: Found path with load 28
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 30
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 28
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 4 with load 6
PRICER_C: Found path with load 30
Path is currently at node 5 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 6 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 27
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 4 with load 6
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 29
Path is currently at node 6 with load 5
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10

```

PRICER_C: Found path with load 26
Path is currently at node 7 with load 2
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 30
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 28
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
Path is currently at node 1 with load 10
PRICER_C: Found path with load 28
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 1 with load 10
PRICER_C: Found path with load 24
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 28
Path is currently at node 4 with load 6
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 27
Path is currently at node 5 with load 5
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 27
Path is currently at node 6 with load 5
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 24
Path is currently at node 7 with load 2
Path is currently at node 9 with lo[ 0 3 7 8 7 8 7 8 7 11 0 0 0 0 0
0 0 0 0 0 0 0 0 0
    0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]
Labelling found path (0, 3, 7, 8, 7, 8, 7, 8, 7, 11) with negative reduced cost
Added (0, 3, 7, 8, 7, 8, 7, 8, 7, 11) with path weight 46
There are 1 occurences of node 3
There are 4 occurences of node 7
There are 3 occurences of node 8
Dual variables are [3.75, -5.25, 7.75, 8.75, -2.25, -0.375, 6.0, 4.75, 2.25,
-0.75, -0.0]ad 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 28
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7

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Path is currently at node 1 with load 10
 PRICER_C: Found path with load 29
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 7
 PRICER_C: Found path with load 17
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 15
 Path is currently at node 6 with load 5
 PRICER_C: Found path with load 15
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 15
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 16
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 17
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 13
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 27
 Path is currently at node 1 with load 10
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 22
 Path is currently at node 5 with load 5
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 22
 Path is currently at node 6 with load 5
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 23
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 25
 Path is currently at node 1 with load 10
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 25
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 21
 Path is currently at node 10 with load 6
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 23
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 24

Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 22
Path is currently at node 5 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 22
Path is currently at node 6 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 22
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 22
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 23
Path is currently at node 1 with load 10
Path is currently at node 10 with load 6
PRICER_C: Found path with load 29
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 3 with load 7
PRICER_C: Found path with load 30
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 28
Path is currently at node 6 with load 5
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 25
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 30
Path is currently at node 5 with load 5
Path is currently at node 1 with load 10
Path is currently at node 5 with load 5
PRICER_C: Found path with load 27
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 5 with load 5
PRICER_C: Found path with load 30
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 5 with load 5
PRICER_C: Found path with load 30
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10

Path is currently at node 5 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 5 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 6 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 27
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 29
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 30
 Path is currently at node 4 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 29
 Path is currently at node 5 with load 5
 Path is current[0 4 5 4 9 7 8 11 0 0 0 0 0 0 0 0 0 0 0 0
 0 0 0
 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]ly at node 3 with load 7
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 26
 Path is currently at node 7 with load 2
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 30
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 24
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 28

Path is currently at node 5 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 28
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 28
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 10 with load 6

 Labelling found path (0, 4, 5, 4, 9, 7, 8, 11) with negative reduced cost
 Added (0, 4, 5, 4, 9, 7, 8, 11) with path weight 26
 There are 2 occurrences of node 4
 There are 1 occurrences of node 5
 There are 1 occurrences of node 7
 There are 1 occurrences of node 8
 There are 1 occurrences of node 9
 Dual variables are [3.75, -5.25, 7.75, 8.75, -4.5, -0.375, 6.0, 4.75, 2.25, -0.75, -0.0]
 PRICER_C: Capacity is 30
 PRICER_C: There are no paths with negative reduced costs
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 7
 PRICER_C: Found path with load 17
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 15
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 15
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 17
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 27
 Path is currently at node 1 with load 10
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 23
 Path is currently at node 4 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 23
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 26
 Path is currently at node 1 with load 10
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 25
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5

PRICER_C: Found path with load 24
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 23
Path is currently at node 4 with load 6
Path is currently at node 1 with load 10
PRICER_C: Found path with load 22
Path is currently at node 6 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 19
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
PRICER_C: Found path with load 22
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 22
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 22
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 20
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 20
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 29
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 3 with load 7
PRICER_C: Found path with load 28
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 30
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 28
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 4 with load 6
PRICER_C: Found path with load 30
Path is currently at node 5 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30

Path is currently at node 6 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with[0 4 6 4 9 7 8 11 0 0 0 0 0 0 0 0 0
 0 0 0 0 0 0
 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0] load 27
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 4 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 29
 Path is currently at node 6 with load 5
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 26
 Path is currently at node 7 with load 2
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 30
 Path is currently at node 10 with load 6
 Path is currently at
 Labelling found path (0, 4, 6, 4, 9, 7, 8, 11) with negative reduced cost
 Added (0, 4, 6, 4, 9, 7, 8, 11) with path weight 28
 node 3 with load 7
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 28
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 28
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 24
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10

PRICER_C: Found path with load 28
 Path is currently at node 4 with load 6
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 27
 Path is currently at node 5 with load 5
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 27
 Path is currently at node 6 with load 5
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: There are 2 occurrences of node 4
 There are 1 occurrences of node 6
 There are 1 occurrences of node 7
 There are 1 occurrences of node 8
 There are 1 occurrences of node 9
 Dual variables are [5.875, -5.25, 7.75, 6.625, -0.25, 1.75, 6.0, 4.75, 2.25, -0.75, -0.0]
 Found path with load 24
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 28
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 29
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Capacity is 30
 PRICER_C: There are no paths with negative reduced costs
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 7
 PRICER_C: Found path with load 17
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 15
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 15
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 17
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 13
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 12
 Path is currently at node 8 with load 5

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PRICER_C: Found path with load 12
Path is currently at node 9 with load 5
PRICER_C: Found path with load 13
Path is currently at node 10 with load 6
PRICER_C: Found path with load 15
Path is currently at node 1 with load 10
PRICER_C: Found path with load 15
Path is currently at node 1 with load 10
PRICER_C: Found path with load 27
Path is currently at node 1 with load 10
Path is currently at node 3 with load 7
PRICER_C: Found path with load 25
Path is currently at node 2 with load 8
Path is currently at node 3 with load 7
PRICER_C: Found path with load 23
Path is currently at node 4 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 22
Path is currently at node 5 with load 5
Path is currently at node 3 with load 7
PRICER_C: Found path with load 22
Path is currently at node 6 with load 5
Path is currently at node 3 with load 7
PRICER_C: Found path with load 19
Path is curren[ 0 3 7 8 7 8 7 9 11 0 0 0 0 0 0 0 0 0 0 0 0
0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]
tly at node 7 with load 2
Path is currently at node 3 with load 7
PRICER_C: Found path with load 22
Path is currently at node 8 with load 5
Path is currently at node 3 with load 7
PRICER_C: Found path with load 22
Path is currently at node 9 with load 5
Path is currently at node 3 with load 7
PRICER_C: Found path with load 23
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 23
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
PRICER_C: Found path with load 22
Path is currently at node 3 with load 7
Path is currently at node 9 with load 5
PRICER_C: Found path with load 24
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 23

```

Path is currently at node 4 with load 6
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 22
 Path is currently at node 5 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 22
 Path is currently at node 6 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 19
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 22
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 22
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 22
 Path is currently at node 3 with load 7
 Path is currently at node 2 with load 8
 PRICER_C: Found path with load 23
 Path is currently at node 1 with load 10
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 20
 Path is currently at node 3 with load 7
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 18
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 18
 Path is currently at node 8 with load 5
 Path is currently at node 4 Labelling found path (0, 3, 7, 8, 7, 8, 7, 9, 11)
 with negative reduced cost
 Added (0, 3, 7, 8, 7, 8, 7, 9, 11) with path weight 36
 There are 1 occurrences of node 3
 There are 3 occurrences of node 7
 There are 2 occurrences of node 8
 There are 1 occurrences of node 9
 Dual variables are [6.375, -5.25, 6.25, 7.125, -1.25, 0.75, 6.0, 4.75, 2.25,
 -0.375, -0.0]
 with load 6
 PRICER_C: Found path with load 18
 Path is currently at node 9 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 16
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 19

Path is currently at node 3 with load 7
Path is currently at node 8 with load 5
PRICER_C: Found path with load 22
Path is currently at node 1 with load 10
Path is currently at node 9 with load 5
PRICER_C: Found path with load 19
Path is currently at node 3 with load 7
Path is currently at node 9 with load 5
PRICER_C: Found path with load 18
Path is currently at node 4 with load 6
Path is currently at node 9 with load 5
PRICER_C: Found path with load 17
Path is currently at node 6 with load 5
Path is currently at node 9 with load 5
PRICER_C: Found path with load 17
Path is currently at node 8 with load 5
Path is currently at node 9 with load 5
PRICER_C: Found path with load 29
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 3 with load 7
PRICER_C: Found path with load 28
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 28
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 28
Path is currently at node 9 with load 5
Path is currently at node 4 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 28
Path is currently at node 4 with load 6
Path is currently at node 9 with load 5
Path is currently at node 3 with load 7
PRICER_C: Found path with load 27
Path is currently at node 6 with load 5
Path is currently at node 9 with load 5
Path is currently at node 3 with load 7
PRICER_C: Found path with load 24
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 3 with load 7
PRICER_C: Found path with load 29
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7

Path is currently at node 4 with load 6
 PRICER_C: Found path with load 30
 Path is currently at node 2 with load 8
 Path is currently at node 3 with load 7
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 28
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 4 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 29
 Path is currently at node 5 with load 5
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 29
 Path is currently at node 6 with load 5
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 26
 Path is currently at node 7 with [0 1 8 7 8 7 10 11 0 0 0 0 0 0 0 0
 0 0 0 0 0 0 0 0
 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]
 Labelling found path (0, 1, 8, 7, 8, 7, 10, 11) with negative reduced cost
 Path already in variables with reduced cost -0.5 with farkas False.
 Farkas Values are [0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, -1.0, 0.0, 0.0, 0.0]
 There are no paths with negative reduced costs load 2
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 29
 Path is currently at node 8 with load 5
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 29
 Path is currently at node 9 with load 5
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 30
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 30
 Path is currently at node 3 with load 7
 Path is currently at node 4 with load 6
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 28

Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 28
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 28
 Path is currently at node 9 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 30
 Path is currently at node 2 with load 8
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 28
 Path is currently at node 4 with load 6
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 24
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 27
 Path is currently at node 9 with load 5
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 28
 Path is currently at node 10 with load 6
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 29
 Path is current
 Dual variables are [4.5, -6.75, 4.25, 8.0, -2.0, -0.0, 8.0, 3.25, 0.25, -0.0, -0.0]
 ly at node 3 with load 7
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 28
 Path is currently at node 4 with load 6
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 27
 Path is currently at node 5 with load 5
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 27
 Path is currently at node 6 with load 5

Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 24
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 27
Path is currently at node 8 with load 5
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 30
Path is currently at node 1 with load 10
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
PRICER_C: Found path with load 28
Path is currently at node 2 with load 8
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
PRICER_C: Found path with load 26
Path is currently at node 4 with load 6
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
PRICER_C: Found path with load 25
Path is currently at node 5 with load 5
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
PRICER_C: Found path with load 25
Path is currently at node 6 with load 5
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
PRICER_C: Found path with load 22
Path is currently at node 7 with load 2
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
PRICER_C: Found path with load 25
Path is currently at node 8 with load 5
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
PRICER_C: Found path with load 25
Path is currently at node 9 with load 5
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
PRICER_C: Found path with load 26
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
PRICER_C: Found path with load 26
Path is currently at node 1 with load 10

Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 24
Path is currently at node 2 with load 8
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 22
Path is currently at node 4 with load 6
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 22
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 29
Path is currently at node 1 with load 10
Path is currently at node 3 with load 7
Path is currently at node 8 with load 5
PRICER_C: Found path with load 27
Path is currently at node 2 with load 8
Path is currently at node 3 with load 7
Path is currently at node 8 with load 5
PRICER_C: Found path with load 25
Path is currently at node 4 with load 6
Path is currently at node 3 with load 7
Path is currently at node 8 with load 5
PRICER_C: Found path with load 24
Path is currently at node 5 with load 5
Path is currently at node 3 with load 7
Path is currently at node 8 with load 5
PRICER_C: Found path with load 24
Path is currently at node 6 with load 5
Path is currently at node 3 with load 7
Path is currently at node 8 with load 5
PRICER_C: Found path with load 21
Path is currently at node 7 with load 2
Path is currently at node 3 with load 7
Path is currently at node 8 with load 5
PRICER_C: Found path with load 25
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 8 with load 5
PRICER_C: Found path with load 29
Path is currently at node 1 with load 10
Path is currently at node 3 with load 7
Path is currently at node 9 with load 5
PRICER_C: Found path with load 27
Path is currently at node 2 with load 8

Path is currently at node 3 with load 7
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 25
 Path is currently at node 4 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 24
 Path is currently at node 5 with load 5
 Path is currently at node 3 with load 7
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 24
 Path is currently at node 6 with load 5
 Path is currently at node 3 with load 7
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 21
 Path is currently at node 7 with load 2
 Path is currently at node 3 with load 7
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 24
 Path is currently at node 8 with load 5
 Path is currently at node 3 with 1[0 7 8 7 8 7 8 7 8 7 11 0 0 0 0
 0 0 0 0 0 0 0 0 0 0
 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]
 Labelling found path (0, 7, 8, 7, 8, 7, 8, 7, 8, 7, 11) with negative reduced
 cost
 Path already in variables with reduced cost -4.0 with farkas False.
 Farkas Values are [0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, -1.0, 0.0, 0.0, 0.0]
 There are no paths with negative reduced costs
 Dual variables are [-9.0, -15.75, -11.5, -3.0, 3.0, -1.0, 17.0, -3.5, -11.0,
 -9.0, -0.0]
 oad 7
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 24
 Path is currently at node 9 with load 5
 Path is currently at node 3 with load 7
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 25
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 9 with load 5
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 7
 PRICER_C: Found path with load 17
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 16
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 15
 Path is currently at node 8 with load 5

PRICER_C: Found path with load 15
Path is currently at node 9 with load 5
PRICER_C: Found path with load 17
Path is currently at node 1 with load 10
PRICER_C: Found path with load 12
Path is currently at node 9 with load 5
PRICER_C: Found path with load 16
Path is currently at node 1 with load 10
PRICER_C: Found path with load 13
Path is currently at node 3 with load 7
PRICER_C: Found path with load 15
Path is currently at node 1 with load 10
PRICER_C: Found path with load 27
Path is currently at node 1 with load 10
Path is currently at node 3 with load 7
PRICER_C: Found path with load 23
Path is currently at node 4 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 19
Path is currently at node 7 with load 2
Path is currently at node 3 with load 7
PRICER_C: Found path with load 22
Path is currently at node 8 with load 5
Path is currently at node 3 with load 7
PRICER_C: Found path with load 22
Path is currently at node 9 with load 5
Path is currently at node 3 with load 7
PRICER_C: Found path with load 23
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 26
Path is currently at node 1 with load 10
Path is currently at node 4 with load 6
PRICER_C: Found path with load 23
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
PRICER_C: Found path with load 21
Path is currently at node 9 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 22
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
PRICER_C: Found path with load 25
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 21
Path is currently at node 4 with load 6
Path is currently at node 9 with load 5

PRICER_C: Found path with load 24
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 23
Path is currently at node 4 with load 6
Path is currently at node 1 with load 10
PRICER_C: Found path with load 19
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
PRICER_C: Found path with load 22
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 22
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 23
Path is currently at node 1 with load 10
Path is currently at node 4 with load 6
PRICER_C: Found path with load 20
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
PRICER_C: Found path with load 18
Path is currently at node 9 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 19
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
PRICER_C: Found path with load 21
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 22
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 20
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 29
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 3 with load 7
PRICER_C: Found path with load 30
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 28
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
Path is currently at node 3 with load 7


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PRICER_C: Found path with load 28
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 25
Path is currently at node 7 with load 2
Path is currently at node 4 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 28
Path is currently at node 9 with load 5
Path is currently at node 4 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 29
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 28
Path is currently at node 7 with load 2
Path is curre[ 0 7 8 7 8 7 8 7 8 7 11 0 0 0 0 0 0 0 0 0 0 0 0
0 0
    0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]
Labelling found path (0, 7, 8, 7, 8, 7, 8, 7, 8, 7, 11) with negative reduced
cost
Path already in variables with reduced cost -22.0 with farkas False.
Farkas Values are [0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, -1.0, 0.0, 0.0, 0.0]
There are no paths with negative reduced costsntly at node 1 with load 10
Path is currently at node 4 with load 6
PRICER_C: Found path with load 29
Path is currently at node 4 with load 6
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
PRICER_C: Found path with load 29
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
PRICER_C: Found path with load 27
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30

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Path is currently at node 4 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 PRI
 Dual variables are [-9.0, -63.0, -61.0, -16.0, -11.0, -1.0, 17.0, 13.0, -14.0, -15.5, -0.0]
 CER_C: Found path with load 29
 Path is currently at node 6 with load 5
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 26
 Path is currently at node 7 with load 2
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 29
 Path is currently at node 8 with load 5
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 29
 Path is currently at node 9 with load 5
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 30
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 30
 Path is currently at node 3 with load 7
 Path is currently at node 4 with load 6
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 28
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 28
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 25
 Path is currently at node 7 with load 2
 Path is currently at node 4 with load 6
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 28
 Path is currently at node 9 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 24
 Path is currently at node 7 with load 2

Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 28
Path is currently at node 4 with load 6
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 27
Path is currently at node 5 with load 5
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 27
Path is currently at node 6 with load 5
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 24
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 29
Path is currently at node 4 with load 6
Path is currently at node 1 with load 10
Path is currently at node 4 with load 6
PRICER_C: Found path with load 28
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 4 with load 6
PRICER_C: Found path with load 30
Path is currently at node 1 with load 10
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
PRICER_C: Found path with load 26
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
PRICER_C: Found path with load 28
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Capacity is 30
PRICER_C: Found path with load 17
Path is currently at node 3 with load 7
PRICER_C: Found path with load 13
Path is currently at node 3 with load 7
PRICER_C: Found path with load 27
Path is currently at node 1 with load 10
Path is currently at node 3 with load 7
PRICER_C: Found path with load 23
Path is currently at node 10 with load 6

Path is currently at node 3 with load 7
PRICER_C: Found path with load 26
Path is currently at node 1 with load 10
Path is currently at node 4 with load 6
PRICER_C: Found path with load 23
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
PRICER_C: Found path with load 21
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 21
Path is currently at node 9 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 22
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
PRICER_C: Found path with load 25
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 24
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 22
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 23
Path is currently at node 1 with load 10
Path is currently at node 4 with load 6
PRICER_C: Found path with load 20
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
PRICER_C: Found path with load 18
Path is currently at node 9 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 20
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 21
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 29
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 3 with load 7
PRICER_C: Found path with load 30
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
Path is currently at node 3 with load 7

PRICER_C: Found path with load 28
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 28
Path is currently at node 9 with load 5
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Path is currently at node 3 with load 7
PRICER_C: Found path with load 29
Path is currently at node 10 with load 6
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PRICER_C: Found path with load 30
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Path is currently at node 3 with load 7
PRICER_C: Found path with load 29
Path is currently at node 4 with load 6
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 28
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 4 with load 6
PRICER_C: Found path with load 29
Path is currently at node 4 with load 6
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Path is currently at node 4 with load 6
PRICER_C: Found path with load 29
Path is currently at node 10 with load 6
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PRICER_C: Found path with load 29
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Path is currently at node 4 with load 6
PRICER_C: Found path with load 29
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 28
Path is currently at node 4 with load 6
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 27
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2

PRICER_C: Found path with load 27
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 27
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 4 with load 6
Path is currently at node 3 with load 7
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PRICER_C: Found path with load 26
Path is currently at node 7 with load 2
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 30
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 30
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
Path is currently at node 1 with load 10
PRICER_C: Found path with load 28
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 1 with load 10
PRICER_C: Found path with load 25
Path is currently at node 7 with load 2
Path is currently at node 4 with load 6
Path is currently at node 1 with load 10
PRICER_C: Found path with load 28
Path is currently at node 9 with load 5
Path is currently at node 4 with load 6
Path is currently at node 1 with load 10
PRICER_C: Found path with load 24
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10

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PRICER_C: Found path with load 24
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 29
Path is currently at node 4 with load 6
Path is currently at node 1 with load 10
Path is currently at node 4 with load 6
PRICER_C: Found path with load 25
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 4 with load 6
PRICER_C: Found path with load 28
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 4 with load 6
PRICER_C: Found path with load 30
Path is currently at node 1 with load 10
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
PRICER_C: Found path with load 26
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
PRICER_C: Found path with load 30
Path is currently[ 0 7 8 7 8 7 8 7 8 7 11 0 0 0 0 0 0 0 0 0
0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0] at node 1 with load 10
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 26
Path is currently at node 4 with load 6
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 26
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 29
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
Path is currently at node 1 with load 10
PRICER_C: Found path with load 27
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 1 with load 10
PRICER_C: Found path with load 27
Path is currently at node 9 with load 5

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Path is currently at node 4 with load 6
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 30
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path
 Labelling found path (0, 7, 8, 7, 8, 7, 8, 7, 8, 7, 11) with negative reduced cost
 Path already in variables with reduced cost -88.0 with farkas False.
 Dual variables are [14.0, -10.250000000000004, 16.124999999999996, -5.625000000000002, -7.0, -9.625000000000002, -0.7499999999999964, 7.250000000000002, 4.749999999999998, -6.0, -0.0]
 is currently at node 1 with load 10
 Path is currently at node 4 with load 6
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 17
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 27
 Path is currently at node 1 with load 10
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 23
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 21
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 25
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 24
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 22
 Path is currently at node 6 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 22
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 22
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 20
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 29
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 Path is currently at node 3 with load 7

PRICER_C: Found path with load 28
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 30
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 29
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 27
Path is currently at node 6 with load 5
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 27
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 27
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 30
Path is currently at node 5 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 6 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 27
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 26
Path is currently at node 7 with load 2
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10

PRICER_C: Found path with load 30
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 28
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 24
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 24
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 30
 Path is currently at node 1 with load 10
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 26
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 29
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
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 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 29
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 29
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Capacity is 30
 PRICER_C: There are no paths with negative reduced costs
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 7
 PRICER_C: Found path with load 17
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 15
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 27

Path is currently at node 1 with load 10
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 22
 Path is currently at node 6 with load 5
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 23
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 22
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 17
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 25
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 24
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 22
 Path is currently at node 6 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 22
 Path is currently a[0 8 1 3 10 11 0 0 0 0 0 0 0 0 0 0 0 0 0
 0 0 0 0
 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]
 Labelling found path (0, 8, 1, 3, 10, 11) with negative reduced cost
 Added (0, 8, 1, 3, 10, 11) with path weight 19
 There are 1 occurrences of node 1
 There are 1 occurrences of node 3
 There are 1 occurrences of node 8
 There are 1 occurrences of node 10
 Dual variables are [10.5, -10.0, 7.25, 3.0, -4.0, -1.0, 4.0, 6.25, 4.25, -5.0,
 -0.0]
 t node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 22
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 16
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 22
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 20
 Path is currently at node 8 with load 5

Path is currently at node 1 with load 10
PRICER_C: Found path with load 29
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 3 with load 7
PRICER_C: Found path with load 30
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 30
Path is currently at node 6 with load 5
Path is currently at node 1 with load 10
Path is currently at node 6 with load 5
PRICER_C: Found path with load 30
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 6 with load 5
PRICER_C: Found path with load 30
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
Path is currently at node 6 with load 5
PRICER_C: Found path with load 29
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 27
Path is currently at node 6 with load 5
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 24
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 27
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 27
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 30
Path is currently at node 5 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 6 with load 5
Path is currently at node 1 with load 10

Path is currently at node 8 with load 5
 PRICER_C: Found path with load 27
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 22
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 29
 Path is currently at node 6 with load 5
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 26
 Path is currently at node 7 with load 2
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 30
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 24
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 24
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 24
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 28
 Path is currently at node 10 with 1[0 8 1 8 7 11 0 0 0 0 0 0 0 0 0
 0 0 0 0 0 0 0 0 0 0
 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]
 Labelling found path (0, 8, 1, 8, 7, 11) with negative reduced cost
 Added (0, 8, 1, 8, 7, 11) with path weight 25
 oad 6

Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 30
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 29
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 29
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 29
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 29
 Path is currently at node 6 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 Path is currentlyThere are 1 occurrences of node 1
 There are 1 occurrences of node 7
 There are 2 occurrences of node 8
 Dual variables are [9.055555555555557, -7.888888888888889, 7.027777777777778,
 4.555555555555552, -2.194444444444441, 0.5555555555555518, 4.777777777777778,
 5.583333333333332, 3.472222222222223, -2.6666666666666696, -0.0]
 at node 7 with load 2
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 7
 PRICER_C: Found path with load 17
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 15
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 27
 Path is currently at node 1 with load 10
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 23
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 22
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 17

Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 25
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 24
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 22
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 22
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 16
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 22
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 20
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 29
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 3 with load 7
PRICER_C: Found path with load 30
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 29
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 24
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 27
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 27
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 30

Path is currently at node 5 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 6 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 27
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 22
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 26
 Path is currently at node 7 with load 2
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 30
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 24
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 24
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with lo[0 1 8 7 8 7 9 11 0 0 0 0 0 0 0 0
 0 0 0 0 0 0 0
 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]
 Labelling found path (0, 1, 8, 7, 8, 7, 9, 11) with negative reduced cost
 Path already in variables with reduced cost -7.25 with farkas False.
 Farkas Values are [0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, -1.0, 0.0, 0.0]
 There are no paths with negative reduced costs
 Dual variables are [7.710526315789473, -5.7368421052631575, 7.894736842105262,
 5.394736842105262, -0.5526315789473664, 1.631578947368423, 5.315789473684211,

4.447368421052632, 3.263157894736842, -1.0526315789473664, -0.0]ad 24
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 28
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 30
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 29
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 29
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 29
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently
at node 1 with load 10
PRICER_C: Capacity is 30
PRICER_C: Found path with load 23
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
PRICER_C: Found path with load 24
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 20
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
PRICER_C: Found path with load 19
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 18
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
PRICER_C: Found path with load 18
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
PRICER_C: Found path with load 30

Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 30
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
Path is currently at node 1 with load 10
PRICER_C: Found path with load 28
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 1 with load 10
PRICER_C: Found path with load 28
Path is currently at node 9 with load 5
Path is currently at node 4 with load 6
Path is currently at node 1 with load 10
PRICER_C: Found path with load 28
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 4 with load 6
PRICER_C: Found path with load 26
Path is currently at node 10 with load 6
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Path is currently at node 4 with load 6
PRICER_C: Found path with load 26
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
PRICER_C: Found path with load 26
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 24
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
PRICER_C: Found path with load 29
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 29
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5

Path is currently at node 1 with load 10
 PRICER_C: Found path with load 29
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 Path is currently at node 3 with load 7
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 27
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at [0 3 1 8 7 9 11 0 0 0 0 0 0 0 0 0 0 0
 0 0 0 0
 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0] node 3 with load 7
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 27
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 3 with load 7
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 29
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 29
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 29
 Path is currently at node 9 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 30
 Path is currently at node 10 with load 6
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 25
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 25
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 4 with load 6

PRICER_C: Found path with load 29
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 29
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 27
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 29
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
PRICER_C: Found path with load 27
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 4 with load 6
PRICER_C: Found path with load 27
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 4 with load 6
PRICER_C: Found path with load 29
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 4 with load 6
PRICER_C: Found path with load 28
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 28

Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 30
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
PRICER_C: Capacity is 30
PRICER_C: Found path with load 23
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
PRICER_C: Found path with load 20
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
PRICER_C: Found path with load 20
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 19
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 18
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
PRICER_C: Found path with load 30
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 30
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 30
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
Path is currently at node 1 with load 10
PRICER_C: Found path with load 28
Path is currently at node 9 with load 5

Path is currently at node 4 with load 6
Path is currently at node 1 with load 10
PRICER_C: Found path with load 28
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 4 with load 6
PRICER_C: Found path with load 26
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
PRICER_C: Found path with load 26
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
PRICER_C: Found path with load 26
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 24
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
PRICER_C: Found path with load 29
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 27
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
PRICER_C: Found path with load 27
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
PRICER_C: Found path with load 29
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 29
Path is currently at node 9 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 30

Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 25
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 25
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 30
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
PRICER_C: Found path with load 29
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 27
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 4 with load 6
PRICER_C: Found path with load 27
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 4 with load 6
PRICER_C: Found path with load 29
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
PRICER_C: Capacity is 30
PRICER_C: Found path with load 23
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
PRICER_C: Found path with load 20
Path is currently at node 3 with load 7

Path is currently at node 4 with load 6
PRICER_C: Found path with load 20
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 19
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 18
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
PRICER_C: Found path with load 30
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 30
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 30
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
Path is currently at node 1 with load 10
PRICER_C: Found path with load 28
Path is currently at node 9 with load 5
Path is currently at node 4 with load 6
Path is currently at node 1 with load 10
PRICER_C: Found path with load 28
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 4 with load 6
PRICER_C: Found path with load 26
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
PRICER_C: Found path with load 26
Path is currently at node 3 with load 7
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Path is currently at node 4 with load 6
PRICER_C: Found path with load 26
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 24
Path is currently at node 3 with load 7

Path is currently at node 4 with load 6
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 PRICER_C: Found path with load 29
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 27
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 PRICER_C: Found path with load 27
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 PRICER_C: Found path with load 29
 Path is currently at node 6 with load 5
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 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 29
 Path is currently at node 6 with load 5
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 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 29
 Path is currently at node 9 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 30
 Path is currently at node 10 with load 6
 Path is currently at node 4 with load 6
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 25
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 25
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 4 with load 6

PRICER_C: Found path with load 30
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
PRICER_C: Found path with load 27
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 4 with load 6
PRICER_C: Found path with load 27
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 4 with load 6
PRICER_C: Found path with load 29
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
PRICER_C: Capacity is 30
PRICER_C: Found path with load 17
Path is currently at node 3 with load 7
PRICER_C: Found path with load 23
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
PRICER_C: Found path with load 24
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 22
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 20
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 28
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 30
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 29
Path is currently at node 3 with load 7

Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 27
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 30
 Path is currently at node 6 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 27
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 8 with load 5
 Path is currently Labelling found path (0, 3, 1, 8, 7, 9, 11) with negative reduced cost
 Path already in variables with reduced cost -5.631578947368418 with farkas False.
 Farkas Values are [0.0, 0.0, 0.0, 0.0, 0.0, 0.0, -1.0, 0.0, 0.0, 0.0, 0.0]at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 22
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 28
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 26
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 29
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2

PRICER_C: Found path with load 29
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 29
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 29
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 27
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 27
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 Path is currently at node 4 with
 load 6
 PRICER_C: Found path with load 27
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 28
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 17
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 23
 Path is currently at node 3 with load 7
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 24
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 22

Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 20
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 30
 Path is currently at node 3 with load 7
 Path is currently at node 4 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 30
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 29
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 29
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 27
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 27
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 30
 PathThere are no paths with negative reduced costs
 Dual variables are [7.65625, -6.0625, 8.4375, 4.4375, -0.0625, 0.4375, 5.75, 4.71875, 2.9375, -1.8125, -0.0]
 is currently at node 6 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 27
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5

PRICER_C: Found path with load 24
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
PRICER_C: Found path with load 22
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
PRICER_C: Found path with load 22
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
PRICER_C: Found path with load 28
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 1 with load 10
PRICER_C: Found path with load 28
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
Path is currently at node 4 with load 6
PRICER_C: Found path with load 29
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 28
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
PRICER_C: Found path with load 28
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 29
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
PRICER_C: Found path with load 29
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30

Path is currently at node 10 with load 6
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Capacity is 30
 PRICER_C: There are no paths with negative reduced costs
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 29
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 29
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 27
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 29
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 29
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 26
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 24
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 30
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6

Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 26
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 28
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
PRICER_C: Found path with load 26
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
PRICER_C: Found path with load 26
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
PRICER_C: Found path with load 23
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
PRICER_C: Found path with load 21
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
PRICER_C: Found path with load 28
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
PRICER_C: Found path with load 28
Path is currently at node 6 with load 5

Path is currently at node 4 with load 6
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 4 with load 6
PRICER_C: Found path with load 29
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
PRICER_C: Found path with load 27
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
PRICER_C: Found path with load 28
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
PRICER_C: Found path with load 23
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
PRICER_C: Found path with load 29
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 4 with load 6
PRICER_C: Found path with load 29
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2

Path is currently at node 4 with load 6
 PRICER_C: Found path with load 30
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 28
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 28
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 29
 Path is currently at node 10 with load 6
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Capacity is 30
 PRICER_C: There are no paths with negative reduced costs
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 9
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5

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PRICER_C: Found path with load 14
Path is currently at node 5 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
PRICER_C: Found path with load 14
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
PRICER_C: Found path with load 14
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
PRICER_C: Found path with load 16
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
PRICER_C: Found path with load 21
Path is currently at node 5 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
PRICER_C: Found path with load 21
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at nod[ 0  3  1  8  7  9 11  0  0  0  0  0  0  0  0  0  0
0  0  0  0  0  0
    0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0]
Labelling found path (0, 3, 1, 8, 7, 9, 11) with negative reduced cost
Path already in variables with reduced cost -6.5 with farkas False.
Farkas Values are [0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, -1.0, 0.0, 0.0]
There are no paths with negative reduced costs
Dual variables are [10.5, -8.5, 8.75, 2.0, -2.5, -0.0, 4.0, 3.75, 5.25, -4.0,
-0.0]
e 7 with load 2
Path is currently at node 8 with load 5
PRICER_C: Found path with load 21
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
PRICER_C: Found path with load 21
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5

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Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 22
 Path is currently at node 10 with load 6
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 23
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 29
 Path is currently at node 4 with load 6
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 28
 Path is currently at node 5 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 28
 Path is currently at node 6 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 28

Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 28
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 29
 Path is currently at node 10 with load 6
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Capacity is 30
 PRICER_C: There are no paths with negative reduced costs
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 7
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 7
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 12
 Path is currently at node 6 with load 5
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 9
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 12
 Path is currently at node 6 with load 5
 Path is currently at node 7 with load 2

PRICER_C: Found path with load 12
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 19
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
PRICER_C: Found path with load 14
Path is currently at node 5 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
PRICER_C: Found path with load 14
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
PRICER_C: Found path with load 14
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
PRICER_C: Found path with load 14
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
PRICER_C: Found path with load 15
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
PRICER_C: Found path with load 14
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 24
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
PRICER_C: Found path with load 20
Path is currently at node 4 with load 6
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
PRICER_C: Found path with load 19
Path is currently at node 5 with load 5
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
PRICER_C: Found path with load 19
Path is currently at node 6 with load 5

Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 16
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 19
 Path is currently at node 9 with load 5
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 20
 Path is currently at node 10 with load 6
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 20
 Path is currently at node 4 with load 6
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 19
 Path is currently at node 6 with load [0 3 1 9 7 9 11 0 0 0 0 0 0 0
 0 0 0 0 0 0 0 0 0 0 0
 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]
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 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 19
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 19
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 26
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 22

Path is currently at node 4 with load 6
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 21
 Path is currently at node 5 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 21
 Path is currently at node 6 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 21
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 21
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 22
 Path is currently at node 10 with load 6
 Path is cuLabelling found path (0, 3, 1, 9, 7, 9, 11) with negative reduced cost
 Path already in variables with reduced cost -10.75 with farkas False.
 Farkas Values are [0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, -1.0, 0.0, 0.0]
 There are no paths with negative reduced costs
 Dual variables are [6.600000000000001, -9.700000000000001, 9.399999999999999,
 -5.800000000000001, -7.100000000000001, -2.6000000000000014, 1.400000000000001,
 8.2, 8.5, -5.199999999999999, -0.0]
 rrently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 21
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2

[illegible]

Path is currently at node 7 with load 2
 PRICER_C: Found path with load 26
 Path is currently at node 6 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 26
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 26
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 30
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 29
 Path is currently at node 4 with load 6
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 28
 Path is currently at node 5 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is curre[0 9 7 9 7 9 7 9 7 11 0 0 0 0 0 0 0 0 0 0 0
 0 0
 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]ntly at node 7 with load 2
 Path is currently at node 8 with load 5

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PRICER_C: Found path with load 28
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
PRICER_C: Found path with load 28
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
PRICER_C: Found path with load 28
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Labelling found path (0, 9, 7, 9, 7, 9, 7, 9, 7, 11) with negative reduced cost
Path already in variables with reduced cost -2.6000000000000014 with farkas
False.
Farkas Values are [0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, -1.0, 0.0, 0.0, 0.0]
h load 5
PRICER_C: Found path with load 29
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
PRICER_C: Found path with load 28
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 30
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5

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Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: There are no paths with negative reduced costs
 Dual variables are [6.307692307692307, -9.846153846153843, 9.448717948717949,
 -6.384615384615387, -7.53846153846154, -2.7948717948717956, 1.2051282051282048,
 8.589743589743588, 8.743589743589745, -5.346153846153843, -0.0]
 : Capacity is 30
 PRICER_C: Found path with load 7
 PRICER_C: Found path with load 17
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 15
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 15
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 17
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 12
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 12
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 15
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 27
 Path is currently at node 1 with load 10
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 19
 Path is currently at node 7 with load 2
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 22
 Path is currently at node 8 with load 5
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 22
 Path is currently at node 9 with load 5
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 23
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 25
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 17
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 20

Path is currently at node 9 with load 5
Path is currently at node 8 with load 5
PRICER_C: Found path with load 21
Path is currently at node 10 with load 6
Path is currently at node 8 with load 5
PRICER_C: Found path with load 24
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 22
Path is currently at node 5 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 22
Path is currently at node 6 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 19
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
PRICER_C: Found path with load 22
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 22
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 16
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 22
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 20
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 20
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 29
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 3 with load 7
PRICER_C: Found path with load 30
Path is currently at node 5 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 6 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 27

Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
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Path is currently at node 1 with load 10
PRICER_C: Found path with load 29
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PRICER_C: Found path with load 29
Path is currently at node 6 with load 5
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 26
Path is currently at node 7 with load 2
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 29
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PRICER_C: Found path with load 29
Path is currently at node 9 with load 5
Path is currently at node 3 with load 7
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PRICER_C: Found path with load 30
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 24
Path is currently at node 7 with load 2
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Path is currently at node 1 with load 10
PRICER_C: Found path with load 27
Path is currently at node 9 with load 5
Path is currently at node 8 with load 5
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PRICER_C: Found path with load 28

Path is currently at node 10 with load 6
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PRICER_C: Found path with load 28
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PRICER_C: Found path with load 27
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PRICER_C: Found path with load 27
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PRICER_C: Found path with load 22
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PRICER_C: Found path with load 28
Path is currently at node 10 with load 6
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Path is currently at node 1 with load 10
PRICER_C: Capacity is 30
PRICER_C: Found path with load 17
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PRICER_C: Found path with load 15
Path is currently at node 8 with load 5
PRICER_C: Found path with load 15
Path is currently at node 9 with load 5
PRICER_C: Found path with load 27
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PRICER_C: Found path with load 26
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PRICER_C: Found path with load 22
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Path is currently at node 7 with load 2
PRICER_C: Found path with load 25
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Path is currently at node 8 with load 5
PRICER_C: Found path with load 17
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Path is currently at node 8 with load 5
PRICER_C: Found path with load 24
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PRICER_C: Found path with load 22
Path is currently at node 8 with load 5
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PRICER_C: Found path with load 22
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PRICER_C: Found path with load 22
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PRICER_C: Found path with load 20
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PRICER_C: Found path with load 20
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PRICER_C: Found path with load 29
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PRICER_C: Found path with load 27
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PRICER_C: Found path with load 30
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PRICER_C: Found path with load 30

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PRICER_C: Found path with load 22
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PRICER_C: Capacity is 30
PRICER_C: Found path with load 17
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PRICER_C: Found path with load 22
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 17

Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 25
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Path is currently at node 8 with load 5
PRICER_C: Found path with load 24
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PRICER_C: Found path with load 22
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PRICER_C: Found path with load 30
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Path is currently at node 7 with load 2
PRICER_C: Found path with load 27
Path is currently at node 6 with load 5
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 24
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2

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PRICER_C: Found path with load 27
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 27
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 30
Path is currently at node 5 with load 5
Path is currently at node 1 with load 10
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PRICER_C: Found path with load 30
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PRICER_C: Found path with load 27
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 22
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
PRICER_C: Found path with load 22
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is curre[ 0 9 7 9 7 9 7 9 7 11 0 0 0 0 0 0 0 0 0 0 0 0
0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]
Labelling found path (0, 9, 7, 9, 7, 9, 7, 9, 7, 11) with negative reduced cost
Path already in variables with reduced cost -2.7948717948717956 with farkas
False.
Farkas Values are [0.0, 0.0, 0.0, 0.0, 0.0, 0.0, -1.0, 0.0, 0.0, 0.0, 0.0]
ntly at node 1 with load 10
PRICER_C: Found path with load 30

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Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 29
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 24
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 29
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Capacity is 30
 PRICER_C: There are no paths with negative reduced costs
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 17
 Path is currently at node 3 with load 7
 PRICER_C: FoThere are no paths with negative reduced costs
 Dual variables are [6.333333333333336, -10.0, 9.333333333333336,
 -6.333333333333329, -7.333333333333336, -2.666666666666668, 1.333333333333321,
 8.666666666666666, 8.666666666666666, -5.333333333333375, -0.0]
 und path with load 15
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 27
 Path is currently at node 1 with load 10
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 23
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 17
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 25
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 24
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 22
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10

PRICER_C: Found path with load 22
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 20
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 29
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 3 with load 7
PRICER_C: Found path with load 28
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 30
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 28
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 4 with load 6
PRICER_C: Found path with load 29
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 27
Path is currently at node 6 with load 5
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 24
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 27
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 27
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 30
Path is currently at node 5 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 6 with load 5

Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 27
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICE[0 9 7 9 7 9 7 9 7 11 0 0 0 0 0 0 0 0 0 0 0 0 0 0
 0]
 Labelling found path (0, 9, 7, 9, 7, 9, 7, 9, 7, 11) with negative reduced cost
 Path already in variables with reduced cost -2.999999999999993 with farkas
 False.
 Farkas Values are [0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, -1.0, 0.0, 0.0, 0.0]R_C:
 Found path with load 30
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 22
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 28
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 24
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 24
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 26
 Path is currently at node 10 with load 6

 There are no paths with negative reduced costs
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 29
 Path is currently at node 9 with load 5

Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 26
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 29
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Capacity is 30
 PRICER_C: There are no paths with negative reduced costs
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 17
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 15
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 27
 Path is currently at node 1 with load 10
 PathDual variables are [7.958333333333334, -10.9375, 7.895833333333333,
 -3.083333333333332, -4.937500000000001, -0.41666666666666785, 3.583333333333333,
 7.666666666666667, 6.729166666666667, -4.520833333333336, -0.0]
 is currently at node 3 with load 7
 PRICER_C: Found path with load 23
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 17
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 25
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 24
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 22
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 22
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 29
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 Path is currently at node 3 with load 7

PRICER_C: Found path with load 30
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 29
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 27
Path is currently at node 6 with load 5
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 24
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 27
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 27
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 30
Path is currently at node 5 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 6 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 27
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 22
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5


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PRICER_C: Found path with load 30
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 28
Path is currently at node 6 with load 5
Path is currently at node 4 with load 5
[ 0  9  7  9  7  9  7  9 11  0  0  0  0  0  0  0  0  0]
0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0]
Labelling found path (0, 9, 7, 9, 7, 9, 7, 9, 11) with negative reduced cost
Path already in variables with reduced cost -8.6666666666666671 with farkas
False.
h load 6
Path is currently at node 1 with load 10
PRICER_C: Found path with load 29
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
PRICER_C: Found path with load 24
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
PRICER_C: Found path with load 24
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 29
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 29
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 29
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Dual variables are [14.0, -28.0, 17.0, -7.0, -6.0, -6.0,
5.0, 13.0, 11.0, -9.0, -0.0]
node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Capacity is 30
PRICER_C: There are no paths with negative reduced costs
PRICER_C: Capacity is 30
PRICER_C: Found path with load 17
Path is currently at node 3 with load 7

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PRICER_C: Found path with load 15
Path is currently at node 8 with load 5
PRICER_C: Found path with load 15
Path is currently at node 9 with load 5
PRICER_C: Found path with load 17
Path is currently at node 1 with load 10
PRICER_C: Found path with load 27
Path is currently at node 1 with load 10
Path is currently at node 3 with load 7
PRICER_C: Found path with load 23
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 26
Path is currently at node 1 with load 10
Path is currently at node 4 with load 6
PRICER_C: Found path with load 22
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 25
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 24
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 22
Path is currently at node 6 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 19
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
PRICER_C: Found path with load 22
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 22
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 22
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 20
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 20
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 29
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10

Path is currently at node 3 with load 7
PRICER_C: Found path with load 28
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 4 with load 6
PRICER_C: Found path with load 29
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 27
Path is currently at node 6 with load 5
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 24
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 27
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 27
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 30
Path is currently at node 5 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 6 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 27
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7

Path is currently at node 1 with load 10
 PRICER_C: Found path with load 24
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 28
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 29
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Capacity is 30
 PRICER_C: There are no paths with negative reduced costs
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 7
 PRICER_C: Found path with load 17
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 15
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 15
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 27
 Path is currently at node 1 with load 10
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 25
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 22
 Path is currently at node 3 with load 7
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 20
 Path is currently at node 9 with load 5
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 24
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 22
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 22
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 22
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10

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PRICER_C: Found path with load 20
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 20
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 22
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 20
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 20
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 12
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 30
Path is currently at node 6 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 27
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is cu[ 0 8 7 8 7 8 7 8 7 11 0 0 0 0 0 0 0 0 0 0 0 0
0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]
Labelling found path (0, 8, 7, 8, 7, 8, 7, 8, 7, 11) with negative reduced cost
Path already in variables with reduced cost 5.0 with farkas False.
Dual variables are [6.16, -2.1199999999999974, 5.8800000000000003,
4.2800000000000002, 2.4799999999999986, 4.179999999999999, 4.8000000000000001,
4.08, 2.0799999999999983, 1.1199999999999974, -0.0]
rrently at node 9 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 29
Path is currently at node 3 with load 7

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Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 24
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 27
 Path is currently at node 9 with load 5
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 27
 Path is currently at node 6 with load 5
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 24
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 27
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 28
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 30
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 25
 Path is currently at node 9 with load 5
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 22
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with [0 6 4 6 10 3 11 0 0 0 0 0 0 0 0 0 0
 0 0 0 0 0 0
 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]
 Labelling found path (0, 6, 4, 6, 10, 3, 11) with negative reduced cost
 load 22
 Path is currently at node 1 with load 10

Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 27
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 25
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 29
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 29
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 29
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 8 with load 5
 Path is currentlyAdded (0, 6, 4, 6, 10, 3, 11) with path weight 15
 There are 1 occurrences of node 3
 There are 1 occurrences of node 4
 There are 2 occurrences of node 6
 There are 1 occurrences of node 10
 Dual variables are [8.111111111111114, -0.8888888888888857, 7.111111111111114,
 0.3333333333333339, 5.111111111111111, 3.833333333333332, 3.2222222222222205,
 3.2222222222222205, 1.3333333333333304, -0.11111111111111427, -0.0]
 y at node 1 with load 10
 PRICER_C: Found path with load 29
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 29
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 27
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10

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PRICER_C: Found path with load 27
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 27
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 27
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 29
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 29
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 27
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 27
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with[ 0 5 1 8 1 11 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0
    0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0] load 27
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 29
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 27

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Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 29
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 27
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 19
 Path is currentl
 Labelling found path (0, 5, 1, 8, 1, 11) with negative reduced cost
 Added (0, 5, 1, 8, 1, 11) with path weight 21
 There are 2 occurrences of node 1
 There are 1 occurrences of node 5
 There are 1 occurrences of node 8
 Dual variables are [6.333333333333333, -0.8888888888888886, 5.333333333333333,
 0.3333333333333339, 5.111111111111111, 3.8333333333333335, 5.000000000000001,
 3.222222222222223, 1.333333333333333, 1.666666666666667, -0.0]
 y at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 19
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 29
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 29
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 29
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5

Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 29
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 29
 Path is currently at node 1 with load 10
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 26
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 28
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Capacity is 30
 PRICER_C: There are no paths with negative reduced costs
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 7
 PRICER_C: Found path with load 17
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 15
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 15
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 27
 Path is currently at node 1 with load 10
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 25
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 22
 Path is currently at node 3 with load 7

Path is currently at node 8 with load 5
 PRICER_C: Found path with load 20
 Path is currently at node 9 with load 5
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 24
 Path is currently at node 3 with load 7
 Path [0 5 1 8 7 9 11 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
 0]
 Labelling found path (0, 5, 1, 8, 7, 9, 11) with negative reduced cost
 Path already in variables with reduced cost -0.0 with farkas False.
 Farkas Values are [0.0, 0.0, 0.0, 0.0, 0.0, -0.5, 0.0, 0.0, 0.0, 0.0, 0.0]
 is currently at node 1 with load 10
 PRICER_C: Found path with load 22
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 22
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 22
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 20
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 20
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 22
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 20
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 20
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 12
 Path is cuThere are no paths with negative reduced costs
 Dual variables are [6.16, -2.1199999999999974, 5.5200000000000001,
 4.2800000000000002, 2.4799999999999986, 4.179999999999999, 4.8000000000000001,
 4.08, 2.0799999999999983, 1.4799999999999986, -0.0]
 rrently at node 9 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 30
 Path is currently at node 6 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 27

Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 29
 Path is currently at node 3 with load 7
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 24
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 27
 Path is currently at node 9 with load 5
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 27
 Path is currently at node 6 with load 5
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 24
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 27
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 25
 Path is currently at node 9 with 1[0 6 4 6 10 3 11 0 0 0 0 0 0 0 0
 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]load 5
 Path is currently at node 8 with load 5

Path is currently at node 1 with load 10
 PRICER_C: Found path with load 28
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 30
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 25
 Path is currently at node 9 with load 5
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 27
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 25
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 29
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at n
 Labelling found path (0, 6, 4, 6, 10, 3, 11) with negative reduced cost
 Path already in variables with reduced cost -4.640000000000001 with farkas
 False.
 Farkas Values are [0.0, 0.0, 0.0, 0.0, 0.0, -0.5, 0.0, 0.0, 0.0, 0.0, 0.0]
 ode 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 29
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 29
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 29
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 29
 Path is currently at node 9 with load 5

Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 27
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path isThere are no paths with negative reduced costs
 Dual variables are [6.641025641025641, -0.4358974358974308, 5.641025641025641,
 3.692307692307697, 2.8717948717948687, 5.846153846153847, 5.076923076923066,
 3.7948717948717947, -0.07692307692308731, 1.3589743589743586, -0.0]
 currently at node 1 with load 10
 PRICER_C: Found path with load 27
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 30
 Path is currently at node 6 with load 5
 Path is currently at node 9 with load 5
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 27
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 27
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 27
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 29
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 29
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 19

Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 30
Path is currently at node 6 with load 5
Path is currently at node 9 with load 5
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 27
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 27
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 27
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 29
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 27
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 29
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 27
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 19
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5

Path is currently at node 7 with load 2
PRICER_C: Found path with load 19
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 29
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 29
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 29
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 29
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 29
Path is currently at node 1 with load 10
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 26
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 28
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5

Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Capacity is 30
 PRICER_C: There are no paths with negative reduced costs
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 7
 PRICER_C: Found path with load 17
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 15
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 15
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 27
 Path is currently at node 1 with load 10
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 25
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 22
 Path is currently at node 3 with load 7
 Path is currently at node 8 with load 5
 0
 0
 PRICER_C: Found path with load 20
 Path is currently at node 9 with load 5
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 24
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 22
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 22
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 22
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 20
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 20
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 12
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2

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PRICER_C: Found path with load 30
Path is currently at node 6 with load
Labelling found path (0, 6, 4, 6, 10, 3, 11) with negative reduced cost
Path already in variables with reduced cost -7.38461538461539 with farkas False.
Farkas Values are [0.0, 0.0, 0.0, 0.0, 0.0, -0.5, 0.0, 0.0, 0.0, 0.0, 0.0]5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 27
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 29
Path is currently at node 3 with load 7
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 24
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 1
There are no paths with negative reduced costs
Dual variables are [6.666666666666664, -0.5555555555555429, 5.666666666666664,
3.6666666666666714, 2.8888888888888857, 5.888888888888886, 5.0,
3.7777777777777786, 0.11111111111110006, 1.3333333333333357, -0.0]
with load 10
PRICER_C: Found path with load 27
Path is currently at node 9 with load 5
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 27
Path is currently at node 6 with load 5
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 29
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5

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PRICER_C: Found path with load 27
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 25
Path is currently at node 9 with load 5
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 27
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 25
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 29
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 29
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 29
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 27
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 27
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 27
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5

Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 29
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 19
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 29
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 27
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 19
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 19
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 29
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 29
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 26
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5

Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 28
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Capacity is 30
 PRICER_C: There are no paths with negative reduced costs
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 17
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 15
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 15
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 27
 Path is currently at node 1 with load 10
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 25
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 20
 Path is currently at node 9 with load 5
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 24
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 22
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 22
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 22
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 20
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 20
 Path is currently at node 9 with load 5
 Path is currently at node 1 [0 6 4 6 10 3 11 0 0 0 0 0 0 0 0 0 0
 0 0 0 0 0 0 0

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0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]with load 10
PRICER_C: Found path with load 12
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 29
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 3 with load 7
PRICER_C: Found path with load 29
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 27
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 27
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 30
Path is currently at node 6 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 27
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 22
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
PRICER_C: Found path with load 22
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10

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PRICER_C: Found path with load 24
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Foun
 d path with load 27
 Path is currently at node 6 with load 5
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 30
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 22
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 25
 Path is currently at node 6 with load 5
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 22
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 24
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 27
 Path is currently at node 6 with load 5
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 24
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 29
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 29
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2

Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 29
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 27
 Path is currently at node 8 with loadLabelling found path (0, 6, 4, 6, 10, 3, 11) with negative reduced cost
 Path already in variables with reduced cost -7.444444444444443 with farkas False.
 Farkas Values are [0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, -0.5, 0.0]
 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 27
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 29
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 19
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 29
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 27
 Path is currently at node 8 with load 5
 Path is currently at noThere are no paths with negative reduced costs
 Dual variables are [5.666666666666667, -0.33333333333333304, 7.666666666666667, 4.9999999999999996, 2.0000000000000027, 4.666666666666669, 4.9999999999999998, 3.9999999999999996, 0.66666666666666714, 0.8333333333333333, -0.0]
 de 1 with load 10
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 19
 Path is currently at node 9 with load 5

Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 29
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
PRICER_C: Found path with load 29
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
PRICER_C: Found path with load 29
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
PRICER_C: Found path with load 29
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 28
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 26
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 26
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2


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PRICER_C: Found path with load 17
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 25
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: FounLabelling found path (0, 6, 4, 6, 10, 3, 11) with negative reduced
cost
Path already in variables with reduced cost -7.833333333333332 with farkas
False.
Farkas Values are [0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, -0.5, 0.0]
There are no paths with negative reduced costs
Dual variables are [5.736842105263159, -0.2631578947368407, 7.736842105263159,
5.3157894736842115, 1.7894736842105257, 4.578947368421052, 4.789473684210525,
4.157894736842104, 0.5789473684210522, 0.7631578947368407, -0.0]
d path with load 22
Path is currently at node 3 with load 7
Path is currently at node 8 with load 5
PRICER_C: Found path with load 17
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
PRICER_C: Found path with load 20
Path is currently at node 9 with load 5
Path is currently at node 8 with load 5
PRICER_C: Found path with load 21
Path is currently at node 10 with load 6
Path is currently at node 8 with load 5
PRICER_C: Found path with load 20
Path is currently at node 6 with load 5
Path is currently at node 9 with load 5
PRICER_C: Found path with load 20
Path is currently at node 8 with load 5
Path is currently at node 9 with load 5
PRICER_C: Found path with load 24
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 22
Path is currently at node 5 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 22
Path is currently at node 6 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 19
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
PRICER_C: Found path with load 22
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10

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PRICER_C: Found path with load 22
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 16
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 14
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 14
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 22
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 14
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
PRICER_C: Found path with load 14
Path is currently at node 3 with load 7
Path is currently at node 8 with load 5
PRICER_C: Found path with load 22
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 20
Path is currently at node 5 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 20
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 20
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 14
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 12
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 12
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 29
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 3 with load 7
PRICER_C: Found path with load 24
Path is currently at node 7 with load 2

Path is currently at node 8 with load 5
Path is currently at node 3 with load 7
PRICER_C: Found path with load 27
Path is currently at node 5 with load 5
Path is currently at node 9 with load 5
Path is currently at node 3 with load 7
PRICER_C: Found path with load 27
Path is currently at node 6 with load 5
Path is currently at node 9 with load 5
Path is currently at node 3 with load 7
PRICER_C: Found path with load 30
Path is currently at node 5 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 6 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 27
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 28
Path is currently at node 4 with load 6
Path is currently at node 3 with load 7
Path is currently at node 8 with load 5
PRICER_C: Found path with load 28
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 1 with load 10
Path is currently at node 9 with load 5
Path is currently at node 8 with load 5
PRICER_C: Found path with load 25
Path is currently at node 5 with load 5
Path is currently at node 9 with load 5
Path is currently at node 8 with load 5
PRICER_C: Found path with load 25
Path is currently at node 6 with load 5

Path is currently at node 9 with load 5
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 22
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 4 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 29
 Path is currently at node 5 with load 5
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 29
 Path is currently at node 6 with load 5
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 26
 Path is currently at node 7 with load 2
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 29
 Path is currently at node 8 with load 5
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 29
 Path is currently at node[0 6 4 6 10 3 11 0 0 0 0 0 0 0 0 0 0 0 0
 0 0 0 0 0 0
 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0] 9 with load 5
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 30
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 24
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 29
 Path is currently at node 3 with load 7
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 28
 Path is currently at node 4 with load 6
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10

PRICER_C: Found path with load 27
Path is currently at node 5 with load 5
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 27
Path is currently at node 6 with load 5
Path is currently at node 8 with load 5
Path is curren
tly at node 1 with load 10
PRICER_C: Found path with load 24
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 27
Path is currently at node 9 with load 5
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 28
Path is currently at node 10 with load 6
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PRICER_C: Found path with load 28
Path is currently at node 4 with load 6
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Path is currently at node 1 with load 10
PRICER_C: Found path with load 27
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PRICER_C: Found path with load 27
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PRICER_C: Found path with load 27
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Path is currently at node 1 with load 10
PRICER_C: Found path with load 22
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 24
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 21
Path is currently at node 3 with load 7
Path is currently at node 8 with load 5

Path is currently at node 7 with load 2
PRICER_C: Found path with load 16
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 19
Path is currently at node 9 with load 5
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 20
Path is currently at node 10 with load 6
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 19
Path is currently at node 6 with load 5
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Path is currently at node 7 with load 2
PRICER_C: Found path with load 19
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Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 27
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PRICER_C: Found path with load 19
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PRICER_C: Found path with load 19
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PRICER_C: Found path with load 28
Path is currently at node 10 with load 6
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PRICER_C: Found path with load 30
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Path is currently at node 1 with load 10
PRICER_C: Found path with load 27
Path is currently at node 3 with load 7
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 26
Path is currently at node 4 with load 6
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Path is currently at node 1 with load 10
PRICER_C: Found path with load 22
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 25
Path is currently at node 9 with load 5
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 26
Path is currently at node 10 with load 6
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 26
Path is currently at node 4 with load 6
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 25
Path is currently at node 5 with load 5
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 25
Path is currently at node 6 with load 5
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 20
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 22
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 14
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 29
Path is currently at node 5 with load 5
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
PRICER_C: Found path with load 29
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 29

Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
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 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 29
 Path is currently at node 7 with load 2
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 PRICER_C: Found path with load 29
 Path is currently at node 5 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 21
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 21
 Path is currently at node 7 with load 2
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 Path is currently at node 8 with load 5
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 PRICER_C: Found path with load 29
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 29
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 29
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 21
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 24
 Path is currently at node 5 with load 5
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2

Path is currently at node 8 with load 5
 PRICER_C: Found path with load 24
 Path is currently at node 6 with load 5
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 27
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 27
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 29
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 21
 Path is currently at noLabelling found path (0, 6, 4, 6, 10, 3, 11) with
 negative reduced cost
 Path already in variables with reduced cost -7.973684210526315 with farkas
 False.
 Farkas Values are [0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, -0.5, 0.0]
 There are no paths with negative reduced costs
 Dual variables are [5.666666666666666, -0.066666666666666377, 7.933333333333336,
 5.4000000000000004, 1.7333333333333307, 4.466666666666663, 4.733333333333333,
 4.2000000000000002, 0.4666666666666659, 0.6999999999999984, -0.0]
 de 3 with load 7
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 19
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 19
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 27
 Path is currently at node 4 with load 6
 Path is currently at node 9 with load 5

Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 26
Path is currently at node 5 with load 5
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 26
Path is currently at node 6 with load 5
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 26
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
PRICER_C: Found path with load 26
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
PRICER_C: Found path with load 29
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 27
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 29
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 21
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5

Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 25
 Path is currently at node 4 with load 6
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 24
 Path is currently at node 5 with load 5
 Path is currently at node 9 with load 5
 Path is currently [0 6 4 6 10 3 11 0 0 0 0 0 0 0 0 0 0 0 0
 0 0 0 0
 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 24
 Path is currently at node 6 with load 5
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 28
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 28
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 26
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 26
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5

Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 28
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 17
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 23
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 24
 Path i
 Labelling found path (0, 6, 4, 6, 10, 3, 11) with negative reduced cost
 Path already in variables with reduced cost -7.966666666666665 with farkas
 False.
 Farkas Values are [0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, -0.5, 0.0]
 s currently at node 3 with load 7
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 20
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 18
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 30
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 28
 Path is currently at node 6 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 30
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 26
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 28

Path is currently at node 3 with load 7
 PaThere are no paths with negative reduced costs
 Dual variables are [5.578947368421052, -0.1578947368421062, 7.842105263157894,
 5.368421052631582, 1.736842105263154, 4.526315789473685, 4.7368421052631575,
 4.3157894736842115, 0.526315789473685, 0.7894736842105269, -0.0]
 th is currently at node 10 with load 6
 Path is currently at node 6 with load 5
 PRICER_C: Found path with load 29
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 27
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 30
 Path is currently at node 6 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 24
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 26
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 26
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 28
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 26

Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 4 with load 6
PRICER_C: Found path with load 29
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 29
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
Path is currently at node 10 with load 6
PRICER_C: Found path with load 27
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 29
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 27
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 27
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 27
Path is currently at node 9 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 29
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Capacity is 30
PRICER_C: Found path with load 17
Path is currently at node 3 with load 7
PRICER_C: Found path with load 27
Path is currently at node 1 with load 10

Path is currently at node 3 with load 7
 PRICER_C: Found path with load 23
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 25
 Path is currently at node 1 with load 10
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 20
 Path is currently at node 6 with load 5
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 25
 Path is currently at node 1 with load 10
 Path is currently at node [0 6 4 6 4 7 8 11 0 0 0 0 0 0 0 0 0
 0 0 0 0 0 0
 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]
 Labelling found path (0, 6, 4, 6, 4, 7, 8, 11) with negative reduced cost
 Added (0, 6, 4, 6, 4, 7, 8, 11) with path weight 27
 There are 2 occurrences of node 4
 There are 2 occurrences of node 6
 There are 1 occurrences of node 7
 There are 1 occurrences of node 8
 Dual variables are [5.394366197183103, 0.16901408450704558, 8.169014084507046,
 4.535211267605641, 2.3098591549295726, 4.492957746478867, 4.225352112676058,
 4.718309859154926, 0.4929577464788668, 0.7183098591549255, -0.0]
 8 with load 5
 PRICER_C: Found path with load 25
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 23
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 24
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 22
 Path is currently at node 5 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 22
 Path is currently at node 6 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 22
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 22
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 20
 Path is currently at node 5 with load 5

Path is currently at node 1 with load 10
PRICER_C: Found path with load 20
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 29
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 3 with load 7
PRICER_C: Found path with load 30
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 28
Path is currently at node 6 with load 5
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 30
Path is currently at node 5 with load 5
Path is currently at node 1 with load 10
Path is currently at node 5 with load 5
PRICER_C: Found path with load 30
Path is currently at node 6 with load 5
Path is currently at node 1 with load 10
Path is currently at node 5 with load 5
PRICER_C: Found path with load 27
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 5 with load 5
PRICER_C: Found path with load 30
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 5 with load 5
PRICER_C: Found path with load 30
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
Path is currently at node 5 with load 5
PRICER_C: Found path with load 28
Path is currently at node 5 with load 5
Path is currently at node 2 with load 8
Path is currently at node 5 with load 5
PRICER_C: Found path with load 26
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
PRICER_C: Found path with load 26
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5

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PRICER_C: Found path with load 29
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 27
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 27
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 30
Path is currently at node 5 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 6 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 27
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C:[ 0 6 4 6 4 6 11 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0] Found path with load 30
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
Path is currently at node 5 with load 5
PRICER_C: Found path with load 28
Path is currently at node 5 with load 5
Path is currently at node 1 with load 10
Path is currently at node 5 with load 5
PRICER_C: Found path with load 28
Path is currently at node 6 with load 5
Path is currently at node 1 with load 10
Path is currently at node 5 with load 5
PRICER_C: Found path with load 28
Path is currently at node 8 with load 5

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Path is currently at node 1 with load 10
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 28
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 27
 Path is currently at node 6 with load 5
 Path
 Labelling found path (0, 6, 4, 6, 4, 6, 11) with negative reduced cost
 Path already in variables with reduced cost -5.549295774647881 with farkas
 False.
 Farkas Values are [0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, -0.5, 0.0]
 There are no paths with negative reduced costs is currently at node 5 with load
 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 28
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 30
 Path is currently at node 1 with load 10
 Path is currently at node 5 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 25
 Path is currently at node 6 with load 5
 Path is currently at node 5 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 25
 Path is currently at node 9 with load 5
 Path is currently at node 5 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 30
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 23
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 25
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 20

Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 22
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 30
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 28
Path is currently at node 6 with load 5
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 30
Path is currently at node 5 with load 5
Path is currently at node 1 with load 10
Path is currently at node 5 with load 5
PRICER_C: Found path with load 30
Path is currently at node 6 with load 5
Path is currently at node 1 with load 10
Path is currently at node 5 with load 5
PRICER_C: Found path with load 30
Path is currently at node 8 with load 5
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Path is currently at node 5 with load 5
PRICER_C: Found path with load 30
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
Path is currently at node 5 with load 5
PRICER_C: Found path with load 26
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
PRICER_C: Found path with load 28
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 6 with load 5
PRICER_C: Found path with load 29
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 27
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 30
Path is currently at node 5 with load 5
Path is currently at node 1 with load 10

Path is currently at node 8 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 6 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 8 with load 5
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 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 28
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 30
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 28
 Path is currently at node 5 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 5 with load 5
 PRICER_C: Found path with
 Dual variables are [7.040000000000001, 0.5999999999999979, 6.92,
 4.360000000000001, 2.2399999999999984, 5.24, 4.559999999999999,
 3.2399999999999998, -0.4399999999999977, 1.8000000000000007, -0.0]
 load 28
 Path is currently at node 6 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 28
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 28
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 29
 Path is currently at node 10 with load 6
 Path is currently at node 1 with load 10
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 24
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6

Path is currently at node 5 with load 5
 PRICER_C: Found path with load 27
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 25
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 26
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 28
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 25
 Path is currently at node 6 with load 5
 Path is currently at node 5 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 30
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 29
 Path is currently at node 6 with load 5
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 27
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Capacity is 30
 PRICER_C: There are no paths with negative reduced costs
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 23
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 24
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 20
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6

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PRICER_C: Found path with load 18
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 30
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 28
Path is currently at node 6 with load 5
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Fou[ 0 6 10 3 1 7 11 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]
Labelling found path (0, 6, 10, 3, 1, 7, 11) with negative reduced cost
Added (0, 6, 10, 3, 1, 7, 11) with path weight 25
There are 1 occurences of node 1
There are 1 occurences of node 3
There are 1 occurences of node 6
There are 1 occurences of node 7
There are 1 occurences of node 10
Dual variables are [6.5769230769230775, 0.9230769230769251, 7.038461538461538,
4.23076923076923, 2.4230769230769242, 5.153846153846153, 4.538461538461538,
3.6923076923076916, -0.7307692307692326, 1.6923076923076916, -0.0]
nd path with load 30
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 5 with load 5
PRICER_C: Found path with load 26
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
PRICER_C: Found path with load 28
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 6 with load 5
PRICER_C: Found path with load 29
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 27
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 30
Path is currently at node 6 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5

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PRICER_C: Found path with load 30
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 24
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
PRICER_C: Found path with load 26
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 26
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 4 with load 6
PRICER_C: Found path with load 26
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 4 with load 6
PRICER_C: Found path with load 29
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
Path is currently at node 10 with load 6
PRICER_C: Found path with load 27
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 29
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 27
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 27
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5

Path is currently at node 4 with load 6
 PRICER_C: Found path with load 27
 Path is currently at node 9 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 29
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Capacity is 30
 PRICER_C: There are no paths with negative reduced costs
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 17
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 21
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 23
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 25
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 23
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 24
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 20
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 16
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 22
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 20
 Path is currently at node 6 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 20
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 16
 Path is currently at node 6 with load 5

Path is currently at node 4 with load 6
PRICER_C: Found path with load 18
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 30
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 28
Path is currently at node 6 with load 5
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 27
Path is currently at node 10 with load 6
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 30
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
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PRICER_C: Found path with load 26
Path is currently at node 6 with load 5
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PRICER_C: Found path with load 30
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Path is currently at node 6 with load 5
PRICER_C: Found path with load 26
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PRICER_C: Found path with load 26
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Path is currently at node 4 with load 6
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PRICER_C: Found path with load 28
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 6 with load 5
PRICER_C: Found path with load 27
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 30
Path is currently at node 5 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5

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PRICER_C: Found path with load 30
Path is currently at node 6 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 27
Path is currently at node 7 with load 2
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 9 with load 5
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Path is currently at node 8 with load 5
PRICER_C: Found path with load 24
Path is currently at node 6 with load 5
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Path is currently at node 7 with load 2
PRICER_C: Found path with load 25
Path is currently at node 8 with load 5
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Path is currently at node 10 with load 6
PRICER_C: Found path with load 28
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
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PRICER_C: Found path with load 30
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
Path is currently at n[ 0  6  4  6 10  3 11  0  0  0  0  0  0  0  0  0  0  0  0
0  0  0  0  0
    0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0]ode 1 with load 10
PRICER_C: Found path with load 26
Path is currently at node 1 with load 10
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
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Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 24
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 PRICER_C: Found path with load 29
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 ently at node 6 with load 5
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 27
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 PRICER_C: Found path with load 27
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 PRICER_C: Found path with load 28

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PRICER_C: Found path with load 27
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PRICER_C: Found path with load 28
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PRICER_C: Found path with load 29
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Path is currently at node 4 with load 6
PRICER_C: Capacity is 30
PRICER_C: There are no paths with negative reduced costs
PRICER_C: Capacity is 30
PRICER_C: Found path with load 17
Path is currently at node 3 with load 7
PRICER_C: Found path with load 21
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 23
Path is currently at node 3 with load 7
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PRICER_C: Found path with load 25
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PRICER_C: Found path with load 24
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 20
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 16
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 22

Path is currently at node 3 with load 7
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PRICER_C: Found path with load 20
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PRICER_C: Found path with load 20
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PRICER_C: Found path with load 16
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PRICER_C: Found path with load 18
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PRICER_C: Found path with load 26
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PRICER_C: Found path with load 30
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PRICER_C: Found path with load 26
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Path is currently at node 6 with load 5
PRICER_C: Found path with load 28
Path is currently at node 3 with load 7

Path is currently at node 10 with load 6
 Path is currently at node 6 with load 5
 PRICER_C: Found path with load 27
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 7 with loadLabelling found path (0, 6, 4, 6, 10, 3, 11) with negative reduced cost
 Path already in variables with reduced cost -8.269230769230766 with farkas False.
 Dual variables are [8.0, -6.0, 9.0, 7.5, -0.0, 9.0, -12.0, -2.0, -6.5, -0.0, -0.0] 2
 PRICER_C: Found path with load 30
 Path is currently at node 5 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 6 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 27
 Path is currently at node 7 with load 2
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 PRICER_C: Found path with load 30
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 Path is currently at node 10 with load 6

PRICER_C: Found path with load 28
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PRICER_C: Found path with load 30
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PRICER_C: Found path with load 26
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PRICER_C: Found path with load 22
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PRICER_C: Found path with load 24
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PRICER_C: Found path with load 30
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PRICER_C: Found path with load 29
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PRICER_C: Found path with load 27
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PRICER_C: Found path with load 27
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 PRICER_C: Found path with load 29
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 PRICER_C: Found path with load 28
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 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 29
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Capacity is 30
 PRICER_C: There are no paths with negative reduced costs

PRICER_C: Capacity is 30
PRICER_C: Found path with load 17
Path is currently at node 3 with load 7
PRICER_C: Found path with load 15
Path is currently at node 3 with load 7
PRICER_C: Found path with load 23
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 21
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 25
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 24
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PRICER_C: Found path with load 22
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 20
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 18
Path is currently at node 6 with load 5
Path is currently at node 10 with load 6
PRICER_C: Found path with load 16
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 18
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 28
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 30
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 28
Path is currently at node 6 with load 5
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 26
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5

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PRICER_C: Found path with load 26
Path is[ 0  6  4  6  4 10 11  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
        0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0]
    currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
PRICER_C: Found path with load 30
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 28
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 28
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 5 with load 5
PRICER_C: Found path with load 24
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
PRICER_C: Found path with load 25
Path is currently at node 8 with load 5
Path is currently at node 1 with load 1
Labelling found path (0, 6, 4, 6, 4, 10,
11) with negative reduced cost
Added (0, 6, 4, 6, 4, 10, 11) with path weight 18
0
Path is currently at node 7 with load 2
PRICER_C: Found path with load 30
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 30
Path is currently at node 1 with load 10
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 26
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 22
Path is currently at node 10 with load 6
Path is currently at node 6 with load 5

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Path is currently at node 4 with load 6
 PRICER_C: Found path with load 24
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 29
 Path is currently at node 9 with load 5
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node There are 2 occurrences of node 4
 There are 2 occurrences of node 6
 There are 1 occurrences of node 10
 Dual variables are [5.142857142857143, -10.142857142857142, 9.0,
 1.1428571428571428, 4.571428571428571, 9.0, -2.2857142857142874,
 6.142857142857144, -7.142857142857142, -2.2857142857142856, -0.0]
 5 with load 5
 PRICER_C: Found path with load 29
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 29
 Path is currently at node 5 with load 5
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 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 29
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 PRICER_C: Found path with load 27
 Path is currently at node 6 with load 5
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 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 27
 Path is currently at node 5 with load 5

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PRICER_C: Found path with load 27
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PRICER_C: Found path with load 27
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PRICER_C: Found path with load 27
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PRICER_C: Found path with load 27
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PRICER_C: Found path with load 29
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PRICER_C: Found path with load 27
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PRICER_C: Found path with load 27
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PRICER_C: Found path with load 27
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Path is currently at node 4 with load 6
PRICER_C: Found path with load 29
Path is currently at node 3 with load 7
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Path is currently at node 4 with load 6

PRICER_C: Capacity is 30
PRICER_C: There are no paths with negative reduced costs
PRICER_C: Capacity is 30
PRICER_C: Found path with load 17
Path is currently at node 3 with load 7
PRICER_C: Found path with load 15
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PRICER_C: Found path with load 20
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PRICER_C: Found path with load 18
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PRICER_C: Found path with load 18
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PRICER_C: Found path with load 27
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 27
Path is currently at node 9 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 29
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 27
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 27
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5

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Path is currently at node 4 with load 6
PRICER_C: Found path with load 27
Path is currently at node 9 with load 5
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 29
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Capacity is 30
PRICER_C: There are no paths with negative reduced costs
PRICER_C: Capacity is 30
PRICER_C: Found path with load 17
Path is currently at node 3 with load 7
PRICER_C: Found path with load 15
Path is currently at node 3 with load 7
PRICER_C: Found path with load 23
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 21
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 25
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Path is currently at node 1 with load 10
PRICER_C: Found path with load 24
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 22
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 20
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 18
Path is currently at node 6 with load 5
Path is currently a[ 0 6 5 6 5 6 5 11 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0
    0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]
Labelling found path (0, 6, 5, 6, 5, 6, 5, 11) with negative reduced cost
Added (0, 6, 5, 6, 5, 6, 5, 11) with path weight 32
There are 3 occurrences of node 5
There are 3 occurrences of node 6
Dual variables are [6.466666666666666, -4.333333333333332, 9.0,
2.4499999999999993, 3.7, 6.966666666666666, 0.200000000000000107,
4.366666666666666, 0.70000000000000028, -0.8333333333333333, -0.0]

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t node 10 with load 6
PRICER_C: Found path with load 18
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
PRICER_C: Found path with load 16
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 18
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 28
Path is currently at node 6 with load 5
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Path is currently at node 3 with load 7
PRICER_C: Found path with load 30
Path is currently at node 3 with load 7
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PRICER_C: Found path with load 28
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PRICER_C: Found path with load 26
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PRICER_C: Found path with load 30
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PRICER_C: Found path with load 24
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
PRICER_C: Found path with load 25
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 30
Path is currently at node 10 with load 6

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Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 30
Path is currently at node 1 with load 10
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 26
Path is currently at node 10 with load 6
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PRICER_C: Found path with load 22
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PRICER_C: Found path with load 29
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PRICER_C: Found path with load 29
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PRICER_C: Found path with load 27
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PRICER_C: Found path with load 27
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PRICER_C: Found path with load 27
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PRICER_C: Found path with load 27

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 PRICER_C: Found path with load 29
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 Path is currently at node 4 with load 6
 PRICER_C: Capacity is 30
 PRICER_C: There are no paths with negative reduced costs
 PRICER_C: Capacity is 30
 PRICER_C: [0 6 4 6 10 3 11 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
 0
 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0] Found path with load 17
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 15
 Path is currently at node 3 with load 7
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 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
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 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 20
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 18
 Path is currently at no
 Labelling found path (0, 6, 4, 6, 10, 3, 11) with negative reduced cost
 Path already in variables with reduced cost -9.549999999999997 with farkas
 False.
 Farkas Values are [0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, -1.0, 0.0]
 There are no paths with negative reduced costsde 6 with load 5
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 18
 Path is currently at node 3 with load 7
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 16
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 PRICER_C: Found path with load 28
 Path is currently at node 6 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 26
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6

Path is currently at
 Dual variables are [7.190476190476197, -4.3333333333333375, 9.0,
 1.9642857142857135, 4.023809523809525, 6.642857142857144, 1.3809523809523725,
 2.0238095238095184, 1.0238095238095184, 0.7857142857142856, -0.0]
 node 5 with load 5
 PRICER_C: Found path with load 26
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 6 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 8 with load 5
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 PRICER_C: Found path with load 25
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PRICER_C: Found path with load 29
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PRICER_C: Found path with load 29

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 PRICER_C: Found path with load 27
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PRICER_C: Found path with load 16
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Labelling found path (0, 6, 10, 3, 10, 8, 11) with negative reduced cost
 Path already in variables with reduced cost -1.2380952380952337 with farkas
 False.
 Farkas Values are [0.0, 0.0, 0.0, -0.5, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0]ode 10
 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 26
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 PRICER_C: Capacity is 30
 PRICER_C: There are no paths with negative reduced costs
 PRICER_C: Capacity is 30
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 Path is currently at nThere are no paths with negative reduced costs
 Dual variables are [9.0, -5.0, 9.0, 6.5, 1.0, 9.0, -10.0, -1.0, -6.5, -0.0, -0.0]
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 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 17
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 PRICER_C: Found path with load 15
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PRICER_C: Found path with load 22
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PRICER_C: Found path with load 20
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PRICER_C: Found path with load 18
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PRICER_C: Found path with load 16
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PRICER_C: Found path with load 18
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 Labelling found path (0, 6, 4, 6, 4, 10, 11) with negative reduced cost
 Path already in variables with reduced cost -13.0 with farkas False.
 Farkas Values are [0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, -1.0, 0.0]
 There are no paths with negative reduced costs
 Dual variables are [9.666666666666668, -4.333333333333333, 9.0,
 6.166666666666667, 1.000000000000000, 9.0, -9.333333333333333,
 -0.333333333333333, -6.833333333333333, 0.666666666666667, -0.0]
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 PRICER_C: Found path with load 22
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PRICER_C: Capacity is 30
PRICER_C: Found path with load 17
Path is currently at node 3 with load 7
PRICER_C: Found path with load 15
Path is currently at node 6 with load 5
PRICER_C: Found path with load 11
Path is currently at node 6 with load 5
PRICER_C: Found path with load 12
Path is currently at node 3 with load 7
PRICER_C: Found path with load 27
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 Labelling found path (0, 6, 4, 6, 4, 10, 11) with negative reduced cost
 Path already in variables with reduced cost -13.0 with farkas False.
 Dual variables are [14.0, -2.0, 9.0, -6.0, 7.5, -8.0, -20.0, -23.0, -17.0, 12.0,
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 ently at node 4 with load 6
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PRICER_C: Capacity is 30
PRICER_C: Found path with load 17
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PRICER_C: Found path with load 12
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PRICER_C: Found path with load 20
Path is currently at node 6 with load 5
Path is currently at node 5 with load 5
PRICER_C: Found path with load 22
Path is currently at node 3 with load 7
Path is currently at node 6 with load 5
PRICER_C: Found path with load 24
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 22
Path is currently at node 6 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 22
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 20
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 18
Path is currently at node 6 with load 5
Path is currently at node 10 with load 6
PRICER_C: Found path with load 20
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 16
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 17
Path is currently at node 3 with load 7
Path is currently at node 6 with load 5
PRICER_C: Found path with load 22
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 20
Path is currently at node 6 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 20
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 18
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6

PRICER_C: Found path with load 16
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 15
Path is currently at node 6 with load 5
Path is currently at node 5 with load 5
PRICER_C: Found path with load 18
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 25
Path is currently at node 5 with load 5
Path is currently at node 6 with load 5
Path is currently at node 5 with load 5
PRICER_C: Found path with load 30
Path is currently at node 5 with load 5
Path is currently at node 1 with load 10
Path is currently at node 6 with load 5
PRICER_C: Found path with load 30
Path is currently at node 6 with load 5
Path is currently at node 1 with load 10
Path is currently at node 6 with load 5
PRICER_C: Found path with load 30
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 6 with load 5
PRICER_C: Found path with load 26
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
PRICER_C: Found path with load 26
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
PRICER_C: Found path with load 25
Path is currently at node 6 with load 5
Path is currently at node 5 with load 5
Path is currently at node 6 with load 5
PRICER_C: Found path with load 30
Path is currently at node 5 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 6 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10

Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 27
Path is currently at node 5 with load 5
Path is currently at node 6 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 28
Path is currently at node 10 with load 6
Path is currently at node 6 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 26
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 23
Path is currently at node 5 with load 5
Path is currently at node 6 with load 5
Path is currently at node 10 with load 6
PRICER_C: Found path with load 30
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 21
Path is currently at node 5 with load 5
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 27
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
Path is currently at node 6 with load 5
PRICER_C: Found path with load 25
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 6 with load 5
PRICER_C: Found path with load 21
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
PRICER_C: Found path with load 28
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 25
Path is currently at node 6 with load 5
Path is currently at node 5 with load 5

Path is currently at node 1 with load 10
 PRICER_C: Found path with load 30
 Path is currently at node 1 with load 10
 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
 Labelling found path (0, 5, 10, 3, 10, 9, 11) with negative reduced cost
 Added (0, 5, 10, 3, 10, 9, 11) with path weight 23
 load 10
 Path is currently at node 6 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 27
 Path is currently at node 3 with load 7
 Path is currently at node 6 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 25
 Path is currently at node 5 with load 5
 Path is currently at node 6 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 26
 Path is currently at node 10 with load 6
 Path is currently at node 6 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 30
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 27
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 21
 Path is currently at node 6 with load 5
 Path is currently at node 5 with load 5
 Path is currently at There are 1 occurrences of node 3
 There are 1 occurrences of node 5
 There are 1 occurrences of node 9
 There are 2 occurrences of node 10
 Dual variables are [14.0, -2.0, 9.0, -6.0, 7.5, -8.0, -20.0, -23.0, -17.5, 12.0, -0.0]
 node 4 with load 6
 PRICER_C: Found path with load 26
 Path is currently at node 1 with load 10
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 23
 Path is currently at node 3 with load 7
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6

PRICER_C: Found path with load 21
Path is currently at node 5 with load 5
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 22
Path is currently at node 10 with load 6
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 27
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
Path is currently at node 5 with load 5
PRICER_C: Found path with load 25
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 5 with load 5
PRICER_C: Found path with load 25
Path is currently at node 1 with load 10
Path is currently at node 6 with load 5
Path is currently at node 5 with load 5
PRICER_C: Found path with load 22
Path is currently at node 3 with load 7
Path is currently at node 6 with load 5
Path is currently at node 5 with load 5
PRICER_C: Found path with load 20
Path is currently at node 5 with load 5
Path is currently at node 6 with load 5
Path is currently at node 5 with load 5
PRICER_C: Found path with load 21
Path is currently at node 10 with load 6
Path is currently at node 6 with load 5
Path is currently at node 5 with load 5
PRICER_C: Found path with load 30
Path is currently at node 5 with load 5
Path is currently at node 6 with load 5
Path is currently at node 5 with load 5
Path is currently at node 6 with load 5
PRICER_C: Found path with load 29
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
Path is currently at node 10 with load 6
PRICER_C: Found path with load 28
Path is currently at node 6 with load 5
Path is currently at node 5 with load 5
Path is currently at node 6 with load 5
Path is currently at node 10 with load 6
PRICER_C: Found path with load 27

Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 26
 Path is currently at node 6 with load 5
 Path is currently at node 5 with load 5
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 26
 Path is currently at node 5 with load 5
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 6 with load 5
 PRICER_C: Found path with load 27
 Path is currently at node 10 with load 6
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 6 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 5 with load 5
 Path is currently at node 6 with load 5
 Path is currently at node 5 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 30
 Path is currently at node 6 with load 5
 Path is currently at node 5 with load 5
 Path is currently at node 6 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 27
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 28
 Path is currently at node 3 with load 7
 Path is currently at node 6 with load 5
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 26
 Path is currently at node 5 with load 5
 Path is currently at node 6 with load 5
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 27
 Path is currently at node 10 with load 6
 Path is currently at node 6[0 5 10 3 10 6 11 0 0 0 0 0 0 0 0 0
 0 0 0 0 0 0 0

```

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]
Labelling found path (0, 5, 10, 3, 10, 6, 11) with negative reduced cost
Path already in variables with reduced cost -14.5 with farkas False.
Dual variables are [-7.791666666666666, -32.666666666666664, 9.0, 20.0,
-9.208333333333334, 19.875, -69.625, -28.666666666666664, -16.166666666666664,
-6.583333333333334, -0.0]
with load 5
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 29
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 27
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 27
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 26
Path is currently at node 6 with load 5
Path is currently at node 5 with load 5
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 29
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 30
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 6 with load 5
Path is currently at node 5 with load 5
PRICER_C: Found path with load 25
Path is currently at node 6 with load 5
Path is currently at node 5 with load 5
Path is currently at node 6 with load 5
Path is currently at node 5 with load 5
PRICER_C: Found path with load 28
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 6 with load 5

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Path is currently at node 5 with load 5
PRICER_C: Found path with load 30
Path is currently at node 5 with load 5
Path is currently at node 6 with load 5
Path is currently at node 5 with load 5
Path is currently at node 6 with load 5
Path is currently at node 5 with load 5
PRICER_C: Capacity is 30
PRICER_C: Found path with load 17
Path is currently at node 3 with load 7
PRICER_C: Found path with load 15
Path is currently at node 6 with load 5
PRICER_C: Found path with load 22
Path is currently at node 6 with load 5
Path is currently at node 3 with load 7
PRICER_C: Found path with load 23
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 21
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 20
Path is currently at node 6 with load 5
Path is currently at node 5 with load 5
PRICER_C: Found path with load 24
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 22
Path is currently at node 6 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 22
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 20
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 18
Path is currently at node 6 with load 5
Path is currently at node 10 with load 6
PRICER_C: Found path with load 16
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 22
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 20
Path is currently at node 6 with load 5
Path is currently at node 1 with load 10

PRICER_C: Found path with load 20
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 16
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 15
 Path is currently at node 6 with load 5
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 18
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 30
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 28
 Path is currently at node 6 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 30
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 26
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 5 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 6 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 6 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 6 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 6 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 6 with load 5
 PRICER_C: Found path with load 26
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 6 with load 5


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PRICER_C: Found path with load 26
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
PRICER_C: Found path with load 30
Path is currently at node 5 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 6 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 9 with load 5
Path is currently at node [ 0 6 4 6 4 10 11 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]e 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 27
Path is currently at node 5 with load 5
Path is currently at node 6 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 27
Path is currently at node 9 with load 5
Path is currently at node 6 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 28
Path is currently at node 10 with load 6
Path is currently at node 6 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 30
Path is currently at node 1 with load 10
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 26
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C:
Labelling found path (0, 6, 4, 6, 4, 10, 11) with negative reduced cost

```

Path already in variables with reduced cost -55.16666666666667 with farkas
False.

Dual variables are [6.386574074074076, 0.03472222222222321, 6.879629629629628,
3.4236111111111116, 3.0509259259259256, 4.745370370370369, 4.916666666666664,
4.071759259259261, 0.745370370370372, 1.6620370370370396, -0.0]

Found path with load 28

Path is currently at node 10 with load 6

Path is currently at node 3 with load 7

Path is currently at node 1 with load 10

PRICER_C: Found path with load 25

Path is currently at node 5 with load 5

Path is currently at node 6 with load 5

Path is currently at node 1 with load 10

PRICER_C: Found path with load 25

Path is currently at node 9 with load 5

Path is currently at node 6 with load 5

Path is currently at node 1 with load 10

PRICER_C: Found path with load 21

Path is currently at node 6 with load 5

Path is currently at node 5 with load 5

Path is currently at node 4 with load 6

PRICER_C: Found path with load 26

Path is currently at node 1 with load 10

Path is currently at node 6 with load 5

Path is currently at node 4 with load 6

PRICER_C: Found path with load 21

Path is currently at node 5 with load 5

Path is currently at node 6 with load 5

Path is currently at node 4 with load 6

PRICER_C: Found path with load 21

Path is currently at node 9 with load 5

Path is currently at node 6 with load 5

Path is currently at node 4 with load 6

PRICER_C: Found path with load 22

Path is currently at node 10 with load 6

Path is currently at node 6 with load 5

Path is currently at node 4 with load 6

PRICER_C: Found path with load 24

Path is currently at node 10 with load 6

Path is currently at node 3 with load 7

Path is currently at node 10 with load 6

PRICER_C: Found path with load 29

Path is currently at node 5 with load 5

Path is currently at node 4 with load 6

Path is currently at node 6 with load 5

Path is currently at node 10 with load 6

PRICER_C: Found path with load 29

Path is currently at node 6 with load 5

Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
Path is currently at node 10 with load 6
PRICER_C: Found path with load 27
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 27
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 27
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 27
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 26
Path is currently at node 5 with load 5
Path is currently at node 6 with load 5
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 26
Path is currently at node 9 with load 5
Path is currently at node 6 with load 5
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 29
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 27
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 27
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6

PRICER_C: Found path with load 26
Path is currently at node 6 with load 5
Path is currently at node 5 with load 5
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 29
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Capacity is 30
PRICER_C: There are no paths with negative reduced costs
PRICER_C: Capacity is 30
PRICER_C: Found path with load 17
Path is currently at node 3 with load 7
PRICER_C: Found path with load 15
Path is currently at node 6 with load 5
PRICER_C: Found path with load 27
Path is currently at node 1 with load 10
Path is currently at node 3 with load 7
PRICER_C: Found path with load 22
Path is currently at node 6 with load 5
Path is currently at node 3 with load 7
PRICER_C: Found path with load 23
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 20
Path is currently at node 6 with load 5
Path is currently at node 5 with load 5
PRICER_C: Found path with load 24
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 22
Path is currently at node 5 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 22
Path is currently at node 6 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 22
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 22
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 20
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 18

Path is currently at node 6 with load 5
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 20
 Path is currently at node 6 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 16
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 18
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 30
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 28
 Path is currently at node 6 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 30
 Path is currently at node 5 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 5 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 6 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 6 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 6 [0 6 10 3 10 6 11 0 0 0 0 0 0 0 0 0
 0 0 0 0 0 0 0
 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]
 Labelling found path (0, 6, 10, 3, 10, 6, 11) with negative reduced cost
 Added (0, 6, 10, 3, 10, 6, 11) with path weight 15
 There are 1 occurrences of node 3

There are 2 occurrences of node 6
 There are 2 occurrences of node 10
 Dual variables are [6.098039215686273, 2.0588235294117645, 8.294117647058822,
 5.588235294117646, 1.2745098039215694, 2.784313725490195, 4.2745098039215685,
 4.0392156862745106, 0.29411764705882604, 0.5686274509803937, -0.0]
 with load 5
 PRICER_C: Found path with load 26
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 6 with load 5
 PRICER_C: Found path with load 26
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 6 with load 5
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 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Capacity is 30
 PRICER_C: There are no paths with negative reduced costs
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 17

Path is currently at node 3 with load 7
PRICER_C: Found path with load 15
Path is currently at node 6 with load 5
PRICER_C: Found path with load 11
Path is currently at node 6 with load 5
PRICER_C: Found path with load 12
Path is currently at node 3 with load 7
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Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 21
Path is currently at node 1 with load 10

PRICER_C: Found path with load 28
 Path is currently at node 3 with load 7
 Path is cLabelling found path (0, 2, 7, 8, 1, 9, 11) with negative reduced cost
 Path already in variables with reduced cost -1.764705882352942 with farkas
 False.
 Farkas Values are [0.0, 0.0, 0.0, 0.0, 0.0, -1.0, 0.0, 0.0, 0.0, 0.0,
 0.0]urrently at node 6 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 27
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 PRICER_C: Found path with load 24
 Path is currently at node 4 with load 6 There are no paths with negative reduced costs
 Dual variables are [6.386574074074076, 0.0347222222222321, 6.879629629629628, 3.4236111111111116, 3.0509259259259256, 4.745370370370369, 4.916666666666664, 4.071759259259261, 0.745370370370372, 1.6620370370370396, -0.0]

Path is currently at node 6 with load 5
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PRICER_C: Capacity is 30
PRICER_C: There are no paths with negative reduced costs
PRICER_C: Capacity is 30
PRICER_C: Found path with load 17
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PRICER_C: Found path with load 15
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 PRICER_C: Found path with load 16
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 17
 Path is currently at node 10 with load 6
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 PRICER_C: Found path wit
 Labelling found path (0, 6, 10, 3, 10, 6, 11) with negative reduced cost
 Path already in variables with reduced cost -4.694444444444446 with farkas
 False.
 Farkas Values are [0.0, 0.0, -1.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0]h load
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 Path is currently at node 5 with load 5
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 Path is currently at node 4 with load 6
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 There are no paths with negative reduced costs
 Dual variables are [6.069400630914826, 0.3785488958990566, 7.5299684542586744,
 3.7034700315457396, 2.86435331230284, 4.526813880126184, 5.0126182965299675,
 3.8611987381703474, 0.5268138801261815, 1.5394321766561523, -0.0]
 e 6 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 26
 Path is currently at node 5 with load 5
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 PRICER_C: Found path with load 30
 Path is currently at node 1 with load 10
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 Labelling found path (0, 6, 4, 5, 4, 6, 11) with negative reduced cost
 Added (0, 6, 4, 5, 4, 6, 11) with path weight 15
 There are 2 occurrences of node 4
 There are 1 occurrences of node 5
 There are 2 occurrences of node 6
 Dual variables are [5.810810810810809, 1.3783783783783807, 7.162162162162167,
 1.5945945945945956, 3.2702702702702697, 4.270270270270269, 4.162162162162163,
 4.378378378378377, 1.4864864864864842, 1.648648648648647, -0.0]
 ntly at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 26
 Path is currently at node 10 with load 6
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 PRICER_C: Found path with load 26
 Path is currently at node 8 with load 5

PRICER_C: Found path with load 24
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 PRICER_C: Found path with load 27
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Path is currently at node 3 with load 7
 PRICER_C: Found path with load 15
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 16
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 14
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 17
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 13
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 15
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 PRICER_C: Found path with load 11
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 16
 Path is currently at node 1 with load 10 Labelling found path (0, 6, 10, 3, 10, 6, 11) with negative reduced cost
 Path already in variables with reduced cost -4.0 with farkas False.
 Farkas Values are [0.0, 0.0, 0.0, -1.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0]

PRICER_C: Found path with load 13
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 28
 Path is currently at node 1 with load 10
 Path is currently at node 2 with load 8
 PRICER_C: Found path with load 27
 Path is currently at node 1 with load 10
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 23
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 25
 Path is currently at node 1 with load 10
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 23
 Path is currently at node 2 with load 8
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 21
 Path is currently at node 10 with load 6
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 26
 Path is currently at node 1 with load 10
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 24
 Path is currently at node 2 with load 8
 Path is currently at node 10 with load 6
 PRICER_C: There are no paths with negative reduced costs

Dual variables are [5.655172413793102, 0.8275862068965552, 8.379310344827585, 4.06896551724138, 2.6206896551724133, 4.2413793103448265, 5.137931034482757, 3.5862068965517246, 0.24137931034482918, 1.3793103448275887, -0.0]

R_C: Found path with load 23

Path is currently at node 3 with load 7

Path is currently at node 10 with load 6

PRICER_C: Found path with load 21

Path is currently at node 5 with load 5

Path is currently at node 10 with load 6

PRICER_C: Found path with load 21

Path is currently at node 6 with load 5

Path is currently at node 10 with load 6

PRICER_C: Found path with load 23

Path is currently at node 1 with load 10

Path is currently at node 5 with load 5

PRICER_C: Found path with load 24

Path is currently at node 1 with load 10

Path is currently at node 10 with load 6

PRICER_C: Found path with load 21

Path is currently at node 3 with load 7

Path is currently at node 10 with load 6

PRICER_C: Found path with load 23

Path is currently at node 1 with load 10

Path is currently at node 10 with load 6

PRICER_C: Found path with load 20

Path is currently at node 3 with load 7

Path is currently at node 10 with load 6

PRICER_C: Found path with load 18

Path is currently at node 5 with load 5

Path is currently at node 10 with load 6

PRICER_C: Found path with load 20

Path is currently at node 5 with load 5

Path is currently at node 1 with load 10

PRICER_C: Found path with load 21

Path is currently at node 10 with load 6

Path is currently at node 1 with load 10

PRICER_C: Found path with load 21

Path is currently at node 1 with load 10

Path is currently at node 10 with load 6

PRICER_C: Found path with load 18

Path is currently at node 3 with load 7

Path is currently at node 10 with load 6

PRICER_C: Found path with load 22

Path is currently at node 10 with load 6

Path is currently at node 1 with load 10

PRICER_C: Found path with load 19

Path is currently at node 10 with load 6

Path is currently at node 3 with load 7

PRICER_C: Found path with load 30
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 29
Path is currently at node 4 with load 6
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 28
Path is currently at node 5 with load 5
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 28
Path is currently at node 6 with load 5
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 30
Path is currently at node 5 with load 5
Path is currently at node 1 with load 10
Path is currently at node 5 with load 5
PRICER_C: Found path with load 30
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
Path is currently at node 5 with load 5
PRICER_C: Found path with load 29
Path is currently at node 2 with load 8
Path is currently at node 10 with load 6
Path is currently at node 5 with load 5
PRICER_C: Found path with load 28
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 5 with load 5
PRICER_C: Found path with load 26
Path is currently at node 5 with load 5
Path is currently at node 10 with load 6
Path is currently at node 5 with load 5
PRICER_C: Found path with load 26
Path is currently at node 6 with load 5
Path is currently at node 10 with load 6
Path is currently at node 5 with load 5
PRICER_C: Found path with load 29
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 29
Path is currently at node 2 with load 8
Path is currently at node 5 with load 5
Path is currently at node 10 with load 6

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PRICER_C: Found path with load 27
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
Path is currently at node 10 with load 6
PRICER_C: Found path with load 27
Path is currently at node 10 with load 6
Path is currently at node 5 with load 5
Path is currently at node 10 with load 6
PRICER_C: Found path with load 28
Path is currently at node 5 with load 5
Path is currently at node 1 with load 0 6 4 5 4 6 11 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]ith load 10
Path is currently at node 10 with load 6
PRICER_C: Found path with load 30
Path is currently at node 1 with load 10
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 28
Path is currently at node 2 with load 8
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 25
Path is currently at node 5 with load 5
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 26
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 28
Path is currently at node 1 with load 10
Path is currently at node 5 with load 5
Path is currently at node 10 with load 6
PRICER_C: Found path with load 26
Path is currently at node 2 with load 8
Path is currently at node 5 with load 5
Path is currently at node 10 with load 6
PRICER_C: Foun
Labelling found path (0, 6, 4, 5, 4, 6, 11) with negative reduced cost
Path already in variables with reduced cost -4.241379310344826 with farkas
False.
Farkas Values are [0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, -1.0, 0.0]d path
with load 28
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 1 with load 10
PRICER_C: Found path with load 26

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Path is currently at node 5 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 26
 Path is currently at node 6 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 24
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 30
 Path is currently at node 2 with load 8
 Path is currently at node 10 with load 6
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 29
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 28
 Path is currently at node 4 with load 6
 Path
 There are no paths with negative reduced costs
 Dual variables are [5.488372093023253, 0.4186046511627861, 8.023255813953487,
 3.674418604651157, 2.883720930232562, 4.395348837209308, 5.232558139534886,
 3.6279069767441854, 0.6279069767441889, 1.8604651162790684, -0.0]
 is currently at node 10 with load 6
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 27
 Path is currently at node 5 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 27
 Path is currently at node 6 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 29
 Path is currently at node 1 with load 10
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 27
 Path is currently at node 2 with load 8
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 26
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7

PRICER_C: Found path with load 25
Path is currently at node 4 with load 6
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 24
Path is currently at node 5 with load 5
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 24
Path is currently at node 6 with load 5
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 30
Path is currently at node 4 with load 6
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 29
Path is currently at node 5 with load 5
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 29
Path is currently at node 6 with load 5
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 29
Path is currently at node 9 with load 5
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Capacity is 30
PRICER_C: Found path with load 17
Path is currently at node 3 with load 7
PRICER_C: Found path with load 15
Path is currently at node 5 with load 5
PRICER_C: Found path with load 16
Path is currently at node 10 with load 6
PRICER_C: Found path with load 14
Path is currently at node 10 with load 6
PRICER_C: Found path with load 17
Path is currently at node 1 with load 10
PRICER_C: Found path with load 13
Path is currently at node 10 with load 6
PRICER_C: Found path with load 15
Path is currently at node 1 with load 10
PRICER_C: Found path with load 11

Path is currently at node 10 with load 6
PRICER_C: Found path with load 16
Path is currently at node 1 with load 10
PRICER_C: Found path with load 13
Path is currently at node 3 with load 7
PRICER_C: Found path with load 28
Path is currently at node 1 with load 10
Path is currently at node 2 with load 8
PRICER_C: Found path with load 27
Path is currently at node 1 with load 10
Path is currently at node 3 with load 7
PRICER_C: Found path with load 23
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 25
Path is currently at node 1 with load 10
Path is currently at node 5 with load 5
PRICER_C: Found path with load 23
Path is currently at node 2 with load 8
Path is currently at node 5 with load 5
PRICER_C: Found path with load 21
Path is currently at node 10 with load 6
Path is currently at node 5 with load 5
PRICER_C: Found path with load 26
Path is currently at node 1 with load 10
Path is currently at node 10 with load 6
PRICER_C: Found path with load 24
Path is currently at node 2 with load 8
Path is currently at node 10 with load 6
PRICER_C: Found path with load 23
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 21
Path is currently at node 5 with load 5
Path is currently at node 10 with load 6
PRICER_C: Found path with load 21
Path is currently at node 6 with load 5
Path is currently at node 10 with load 6
PRICER_C: Found path with load 23
Path is currently at node 1 with load 10
Path is currently at node 5 with load 5
PRICER_C: Found path with load 24
Path is currently at node 1 with load 10
Path is currently at node 10 with load 6
PRICER_C: Found path with load 21
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 23

Path is currently at node 1 with load 10
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 20
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 18
 Path is currently at node 5 with load 5
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 20
 Path is currently at node 5 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 21
 Path is currently[0 6 10 3 10 6 11 0 0 0 0 0 0 0 0 0 0 0 0 0
 0 0 0
 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]
 Labelling found path (0, 6, 10, 3, 10, 6, 11) with negative reduced cost
 Path already in variables with reduced cost -5.534883720930239 with farkas
 False.
 Dual variables are [3.7692307692307683, -0.23076923076923045, 7.423076923076923,
 2.9230769230769225, 3.384615384615385, 5.23076923076923, 6.384615384615384,
 2.6923076923076925, 0.6923076923076927, 1.6923076923076952, -0.0] at node 10
 with load 6
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 21
 Path is currently at node 1 with load 10
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 18
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 22
 Path is currently at node 10 with load 6
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 19
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 30
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 29
 Path is currently at node 4 with load 6
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 28
 Path is currently at node 5 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C

: Found path with load 28
Path is currently at node 6 with load 5
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 30
Path is currently at node 5 with load 5
Path is currently at node 1 with load 10
Path is currently at node 5 with load 5
PRICER_C: Found path with load 29
Path is currently at node 2 with load 8
Path is currently at node 10 with load 6
Path is currently at node 5 with load 5
PRICER_C: Found path with load 28
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 5 with load 5
PRICER_C: Found path with load 26
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PRICER_C: Found path with load 26
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Path is currently at node 5 with load 5
PRICER_C: Found path with load 29
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 29
Path is currently at node 2 with load 8
Path is currently at node 5 with load 5
Path is currently at node 10 with load 6
PRICER_C: Found path with load 27
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
Path is currently at node 10 with load 6
PRICER_C: Found path with load 27
Path is currently at node 10 with load 6
Path is currently at node 5 with load 5
Path is currently at node 10 with load 6
PRICER_C: Found path with load 28
Path is currently at node 5 with load 5
Path is currently at node 1 with load 10
Path is currently at node 10 with load 6
PRICER_C: Found path with load 30
Path is currently at node 1 with load 10
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6

PRICER_C: Found path with load 28
 Path is currently at node 2 with load 8
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 25
 Path is currently at node 5 with load 5
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 26
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 28
 Path is currently at node 1 with load 10
 Path is currently at node 5 with load 5
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 26
 Path is currently at node 2 with load 8
 Path is currently at node 5 with load 5
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 28
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 26
 Path is currently at node 5 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 26
 Path is currently at node 6 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 24
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 30
 Path is currently at node 2 with load 8
 Path is currently at node 10 with load 6
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 29
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 28
 Path is currently at node 4 with load 6
 Path is currently at node 10 with load 6
 Path is currently at node 1 with load 10


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PRICER_C: Found path with load 27
Path is currently at node 5 with load 5
Path is currently at node 10 with load 6
Path is currently at node 1 with load 10
PRICER_C: Found path with load 27
Path is currently at node 6 with load 5
Path is currently at node 10 with load 6
Path is currently at node 1 with load 10
PRICER_C: Found path with load 29
Path is currently at node 1 with load 10
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 27
Path is currently at node 2 with load 8
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 26
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 25
Path is currently at node 4 with load 6
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 24
Path is currently at node 5 with load 5
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 24
Path is currently at node 6 with load 5
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 3[ 0 6 10 3 10 7 11 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0
    0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]0
Path is currently at node 4 with load 6
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 29
Path is currently at node 5 with load 5
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 29
Path is currently at node 6 with load 5
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7

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Path is currently at node 10 with load 6
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 5
 PRICER_C: Found path with load 13
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 13
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 11
 Path is currently at node 6 with load 5
 PRICER_C: Found path with load 12
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 11
 Path is currently at node 4 with load 6
 PRICER_C: Found
 Labelling found path (0, 6, 10, 3, 10, 7, 11) with negative reduced cost
 Added (0, 6, 10, 3, 10, 7, 11) with path weight 22
 There are 1 occurrences of node 3
 There are 1 occurrences of node 6
 There are 1 occurrences of node 7
 There are 2 occurrences of node 10
 Dual variables are [3.7692307692307665, -0.23076923076923095, 7.564102564102566,
 2.923076923076925, 3.3846153846153832, 5.230769230769232, 6.384615384615385,
 2.6923076923076916, 0.6923076923076921, 1.4102564102564097, -0.0]
 path with load 11
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 20
 Path is currently at node 3 with load 7
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 18
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 19
 Path is currently at node 10 with load 6
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 21
 Path is currently at node 1 with load 10
 Path is currently at node 6 with load 5
 PRICER_C: Found path with load 18
 Path is currently at node 3 with load 7
 Path is currently at node 6 with load 5
 PRICER_C: Found path with load 17
 Path is currently at node 4 with load 6
 Path is currently at node 6 with load 5
 PRICER_C: Found path with load 16
 Path is currently at node 5 with load 5
 Path is currently at node 6 with load 5
 PRICER_C: Found path with load 16
 Path is currently at node 9 with load 5

Path is currently at node 6 with load 5
PRICER_C: Found path with load 17
Path is currently at node 10 with load 6
Path is currently at node 6 with load 5
PRICER_C: Found path with load 21
Path is currently at node 1 with load 10
Path is currently at node 4 with load 6
PRICER_C: Found path with load 18
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
PRICER_C: Found path with load 16
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 16
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 16
Path is currently at node 9 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 17
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
PRICER_C: Found path with load 28
Path is currently at node 1 with load 10
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 24
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 23
Path is currently at node 9 with load 5
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 24
Path is currently at node 10 with load 6
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 27
Path is currently at node 1 with load 10
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
PRICER_C: Found path with load 24
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
PRICER_C: Found path with load 22
Path is currently at node 5 with load 5

Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
PRICER_C: Found path with load 22
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
PRICER_C: Found path with load 22
Path is currently at node 8 with load 5
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
PRICER_C: Found path with load 22
Path is currently at node 9 with load 5
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
PRICER_C: Found path with load 23
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
PRICER_C: Found path with load 26
Path is currently at node 1 with load 10
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 24
Path is currently at node 2 with load 8
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 23
Path is currently at node 3 with load 7
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Path is currently at node 4 with load 6
PRICER_C: Found path with load 22
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 21
Path is currently at node 5 with load 5
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 21
Path is currently at node 8 with load 5
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 21
Path is currently at node 9 with load 5
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 22
Path is currently at node 10 with load 6

Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 29
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 29
 Path is currently at node 6 with load 5
 Path is currently at node [0 6 10 3 10 7 11 0 0 0 0 0 0 0 0 0 0
 0 0 0 0 0 0
 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]
 Labelling found path (0, 6, 10, 3, 10, 7, 11) with negative reduced cost
 Path already in variables with reduced cost -0.0 with farkas False.
 Farkas Values are [0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, -1.0, 0.0, 0.0]
 4 with load 6
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 29
 Path is currently at node 8 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 29
 Path is currently at node 9 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 30
 Path is currently at node 10 with load 6
 Path is currently at node 4 with load 6
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 30
 Path is currently at node 2 with load 8
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 6 with load 5
 PRICER_C: Found path with load 29
 Path is currently at node 3 with load 7
 Path is currently at node 6 with load 5
 Path is currentThere are no paths with negative reduced costs
 Dual variables are [3.0227272727272734, -0.9772727272727272, 7.545454545454547,
 2.4431818181818183, 3.7045454545454546, 5.284090909090908, 6.704545454545455,
 2.1590909090909065, 1.5454545454545456, -0.045454545454546746, -0.0]
 ly at node 4 with load 6
 Path is currently at node 6 with load 5
 PRICER_C: Found path with load 28

Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
PRICER_C: Found path with load 27
Path is currently at node 5 with load 5
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
PRICER_C: Found path with load 27
Path is currently at node 8 with load 5
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
PRICER_C: Found path with load 27
Path is currently at node 9 with load 5
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
PRICER_C: Found path with load 28
Path is currently at node 10 with load 6
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
PRICER_C: Found path with load 30
Path is currently at node 2 with load 8
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 29
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 27
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 27
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 27
Path is currently at node 8 with load 5
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5

Path is currently at node 4 with load 6
PRICER_C: Found path with load 27
Path is currently at node 9 with load 5
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 28
Path is currently at node 10 with load 6
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Capacity is 30
PRICER_C: Found path with load 17
Path is currently at node 3 with load 7
PRICER_C: Found path with load 23
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 23
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 25
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 23
Path is currently at node 6 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 23
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 21
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 24
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 22
Path is currently at node 6 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 22
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 20
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 18
Path is currently at node 6 with load 5
Path is currently at node 10 with load 6
PRICER_C: Found path with load 18

Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 28
 Path is currently at node 6 with load 5
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 Path is curr[0 2 7 9 7 9 7 9 11 0 0 0 0 0 0 0 0 0 0 0 0
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 PRICER_C: Found path with load 30
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
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 PRICER_C: Found path with load 28
 Path is currently at node 6 with load 5
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 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 30
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 PRICER_C: Found path with load 26
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 PRICER_C: Found path with load 28
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 Path is currently at node 6 with load 5
 PRICER_C: Found path with load 27
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 30
 Path is c
 Labelling found path (0, 2, 7, 9, 7, 9, 7, 9, 11) with negative reduced cost
 Path already in variables with reduced cost -2.772727272727277 with farkas
 False.
 Farkas Values are [0.0, -1.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0]
 urrently at node 5 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 6 with load 5
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 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 8 with load 5
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Path is currently at node 8 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 PRICER_C: Found path with load 29
 Path is currently at node 10 with load 6
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 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 28
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 28
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load There are no paths with negative reduced costs
 Dual variables are [2.416666666666667, -0.472222222222223, 7.444444444444445, 2.291666666666667, 3.8055555555555554, 4.930555555555556, 6.805555555555555, 1.8055555555555576, 1.4444444444444446, 0.0555555555555536, -0.0]10
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 24
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 27
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 25
 Path is currently at node 8 with load 5
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 PRICER_C: Found path with load 27
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 PRICER_C: Found path with load 30
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 Path is currently at node 10 with load 6
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 Path is currently at node 10 with load 6

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PRICER_C: Found path with load 24
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PRICER_C: Found path with load 29
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PRICER_C: Found path with load 27
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PRICER_C: Found path with load 27
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PRICER_C: Found path with load 29
Path is currently at node 6 with load 5
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Capacity is 30
PRICER_C: Found path with load 17
Path is currently at node 3 with load 7
PRICER_C: Found path with load 15
Path is currently at node 3 with load 7
PRICER_C: Found path with load 23
Path is currently at node 10 with load 6

Path is currently at node 3 with load 7
 PRICER_C: Found path with load 25
 Path is currently at node 3 w[0 2 7 9 7 9 7 9 11 0 0 0 0 0 0 0
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 Labelling found path (0, 2, 7, 9, 7, 9, 7, 9, 11) with negative reduced cost
 Path already in variables with reduced cost -3.277777777777775 with farkas
 False.
 ith load 7
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 23
 Path is currently at node 8 with load 5
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 Path is currently at node 3 with load 7
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 PRICER_C: Found path with load 22
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 PRICER_C: Found path with load 30
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 0.0, 0.0, -1.0, 0.0, 0.0]
 There are no paths with negative reduced costs
 Dual variables are [2.1423611111111107, -0.5694444444444446, 7.621527777777779,
 2.15625, 3.8958333333333335, 4.888888888888888, 6.902777777777778,
 1.6197916666666667, 1.6215277777777786, -0.6701388888888911, -0.0]
 ith load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 26
 Path is currently at node 6 with load 5
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 PRICER_C: Found path with load 27
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
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 PRICER_C: Found path with load 25
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 PRICER_C: Found path with load 27
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 Path is currently at node 3 with load 7
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 PRICER_C: Found path with load 30
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 30
 Path is currently at node 1 with load 10
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 Path is currently at node 10 with load 6
 PRICE[0 2 7 9 7 9 7 9 11 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]R_C: Found path with load 26
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 30
 Path is currently at node 7 with load 2
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 29
 Path is currently at node 9 with load 5
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 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 30
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Capacity is 30

PRICER_C: There are no paths with negative re
 Labelling found path (0, 2, 7, 9, 7, 9, 7, 9, 11) with negative reduced cost
 Path already in variables with reduced cost -4.00347222222221 with farkas
 False.
 Farkas Values are [0.0, 0.0, 0.0, 0.0, -0.5, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0]
 There are no paths with negative reduced costs
 Dual variables are [2.1410256410256405, -0.5641025641025657, 7.628205128205128,
 2.153846153846155, 3.897435897435897, 4.884615384615385, 6.897435897435899,
 1.6217948717948705, 1.6282051282051277, -0.6794871794871806, -0.0]
 duced costs
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 17
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 23
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 23
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 25
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 23
 Path is currently at node 6 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 23
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 21
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 24
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 22
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 PRICER_C: Found path with load 22
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 20
 Path is currently at node 3 with load 7
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 PRICER_C: Found path with load 18
 Path is currently at node 6 with load 5
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 18
 Path is currently at node 3 with load 7

Path is currently at node 10 with load 6
PRICER_C: Found path with load 28
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 30
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PRICER_C: Found path with load 28
Path is currently at node 6 with load 5
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PRICER_C: Found path with load 30
Path is currently at node 8 with load 5
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PRICER_C: Found path with load 27
Path is currently at node 8 with load 5
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PRICER_C: Found path with load 30
Path is currently at node 5 with load 5
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PRICER_C: Found path with load 30
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PRICER_C: Found path with load 29
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 PRICER_C: Found path with load 28
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 Path is currently at node 8 with load 5
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 PRICER_C: Found path with load 24
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 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 27
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load [0 2 7 9 7 9 7 9 11 0 0 0 0 0 0 0
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 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 27
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 30
 Path is currently at node 10 with load 6
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 PRICER_C: Found path with load 24
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 PRICER_C: Found path with load 29
 Path is currently at node 9 with load 5
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 Labelling found path (0, 2, 7, 9, 7, 9, 7, 9, 11) with negative reduced cost
 Path already in variables with reduced cost -4.0128205128205146 with farkas

Path is currently at node 3 with load 7
PRICER_C: Found path with load 23
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 25
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 23
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PRICER_C: Found path with load 21
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PRICER_C: Found path with load 22
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PRICER_C: Found path with load 20
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PRICER_C: Found path with load 18
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PRICER_C: Found path with load 28
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PRICER_C: Found path with load 30
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PRICER_C: Found path with load 28
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PRICER_C: Found path with load 24
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
PRICER_C: Found path with load 27
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 25
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 27
Path is currently at node 10 with load 6

Farkas Values are [0.0, -1.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0]
 There are no paths with negative reduced costs with load 27
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 28
 Path is currently at node 7 with load 2
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 29
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 6 with load 5
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 29
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 6 with load 5
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 27
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 27
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 27
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 17
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 15
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 23
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7

PRICER_C: Found path with load 23
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 25
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 23
Path is currently at node 6 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 23
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 21
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 21
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 22
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 20
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 18
Path is currently at node 6 with load 5
Path is currently at node 10 with load 6
PRICER_C: Found path with load 18
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 30
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 28
Path is currently at node 6 with load 5
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 30
Path is currently at node 5 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 6 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 8 with load 5

Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 30
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
PRICER_C: Found path with load 29
Path is currently at node 10 with load 6
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PRICER_C: Found path with load 28
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PRICER_C: Found path with load 28
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
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PRICER_C: Found path with load 28
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
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PRICER_C: Found path with load 24
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
PRICER_C: Found path with load 27
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 25
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 27
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 30
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Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 26
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Path is currently at node 3 with load 7
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 PRICER_C: Found path with load 24
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 30
 Path is currently at node 5 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 30
 Path is currently at node 6 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 30
 Pat[0 2 7 9 7 9 7 9 11 0 0 0 0 0 0 0 0 0 0 0 0 0 0
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 load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 30
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 29
 Path is currently at node 6 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Capacity is 30
 PRICER_C: There are no paths with negative reduced costs
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 17
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 15
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 23
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 23
 Path is currently at node 3 with load 7
 Path is
 Labelling found path (0, 2, 7, 9, 7, 9, 7, 9, 11) with negative reduced cost
 Path already in variables with reduced cost -4.865384615384617 with farkas

False.

Farkas Values are [0.0, -1.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0]

currently at node 10 with load 6

PRICER_C: Found path with load 25

Path is currently at node 3 with load 7

Path is currently at node 1 with load 10

PRICER_C: Found path with load 23

Path is currently at node 8 with load 5

Path is currently at node 1 with load 10

PRICER_C: Found path with load 21

Path is currently at node 10 with load 6

Path is currently at node 3 with load 7

PRICER_C: Found path with load 21

Path is currently at node 3 with load 7

Path is currently at node 10 with load 6

PRICER_C: Found path with load 20

Path is currently at node 3 with load 7

Path is currently at node 10 with load 6

PRICER_C: Found path with load 18

Path is currently at node 6 with load 5

Path is currently at node 10 with load 6

PRICER_C: Found path with load 18

Path is currently at node 3 with load 7

Path is currently at node 10 with load 6

PRICER_C: Found path with load 30

Path is currently at node 3 with load 7

Path is currently at node 10 with load 6

Path is currently at node 3 with load 7

PRICER_C: There are no paths with negative reduced costs

Dual variables are [0.8181818181818166, 0.5999999999999988, 3.9454545454545418, 1.836363636363636, 4.109090909090909, 4.090909090909092, 7.109090909090909, 0.8181818181818166, 1.3636363636363644, 3.1090909090909093, -0.0]

_C: Found path with load 28

Path is currently at node 6 with load 5

Path is currently at node 10 with load 6

Path is currently at node 3 with load 7

PRICER_C: Found path with load 30

Path is currently at node 8 with load 5

Path is currently at node 1 with load 10

Path is currently at node 8 with load 5

PRICER_C: Found path with load 30

Path is currently at node 9 with load 5

Path is currently at node 1 with load 10

Path is currently at node 8 with load 5

PRICER_C: Found path with load 29

Path is currently at node 10 with load 6

Path is currently at node 3 with load 7

Path is currently at node 10 with load 6

PRICER_C: Found path with load 28
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 26
Path is currently at node 6 with load 5
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 26
Path is currently at node 8 with load 5
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 28
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 5 with load 5
PRICER_C: Found path with load 24
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
PRICER_C: Found path with load 25
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
PRICER_C: Found path with load 27
Path is currently at node 10 with load 6
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PRICER_C: Found path with load 30
Path is currently at node 1 with load 10
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PRICER_C: Found path with load 26
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PRICER_C: Found path with load 24
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Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 30
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 30
Path is currently at node 7 with load 2
Path is currently at node 3 with load 7

Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 28
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
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 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 27
 Path is currently at node 9 with load 5
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 PRICER_C: Found path with load 30
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
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 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 30
 Path is currently at node 9 with load 5
 Path is currently at node 1 with load 10
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 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 27
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 PRICER_C: Capacity is 30
 PRICER_C: There are no paths with negative reduced costs
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 17
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 15
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 23
 Path is currently at node 10 with load 6
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Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
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 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 23
 Path is currently at node 8 with load 5
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 PRICER_C: Found path with load 21
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 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 17
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 21
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 24
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 22
 Path is currently at node 6 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 22
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 20
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 18
 Path is currently at node 6 with load 5
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 PRICER_C: Found path with load 18
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 PRICER_C: Found path with load 28
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 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 30
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found p[0 2 7 9 7 9 7 9 11 0 0 0 0 0 0 0 0 0 0 0
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 Path is currently at node 6 with load 5
 Path is currently at node 10 with load 6

Path is currently at node 3 with load 7
 PRICER_C: Found path with load 26
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 8 with load 5
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 Path is currently at node 10 with load 6
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 PRICER_C: Found path with load 30
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 Path is currently at node 9 with load 5
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 PRICER_C: Found path with load 28
 Path is currently at node 3 with load 7
 Path is curre
 Labelling found path (0, 2, 7, 9, 7, 9, 7, 9, 11) with negative reduced cost
 Path already in variables with reduced cost -5.018181818181819 with farkas
 False.
 Farkas Values are [0.0, 0.0, 0.0, 0.0, 0.0, 0.0, -1.0, 0.0, 0.0, 0.0, 0.0]ntly
 at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 26
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 PRICER_C: Found path with load 28
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 PRICER_C: Found path with load 24
 Path is currently at node 6 with load 5
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 PRICER_C: Found path with load 25
 Path is currently at node 8 with load 5

Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 23
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 PRIC
 There are no paths with negative reduced costs
 Dual variables are [0.14864864864864913, 1.1891891891891895, 5.351351351351351,
 1.6756756756756763, 4.216216216216216, 3.6891891891891895, 7.216216216216216,
 0.14864864864864913, 1.2297297297297298, 1.756756756756758, -0.0]ER_C: Found
 path with load 27
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 30
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
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 PRICER_C: Found path with load 30
 Path is currently at node 1 with load 10
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 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 30
 Path is currently at node 7 with load 2
 Path is currently at node 3 with load 7
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 d 29
 Path is currently at node 9 with load 5
 Path is currently at node 6 with load 5
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 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 28

Path is currently at node 6 with load 5
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 30
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 30
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
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PRICER_C: Found path with load 27
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Path is currently at node 9 with load 5
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Path is currently at node 7 with load 2
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PRICER_C: Found path with load 29
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PRICER_C: Found path with load 27
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5

Path is currently at node 4 with load 6
PRICER_C: Capacity is 30
PRICER_C: There are no paths with negative reduced costs
PRICER_C: Capacity is 30
PRICER_C: Found path with load 17
Path is currently at node 3 with load 7
PRICER_C: Found path with load 15
Path is currently at node 3 with load 7
PRICER_C: Found path with load 23
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 23
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
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Path is currently at node 10 with load 6
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Path is currently at node 7 with load 2
PRICER_C: Found path with load 21
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
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Path is currently at node 1 with load 10
PRICER_C: Found path with load 22
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 20
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 18
Path is currently at node 6 with load 5
Path is currently at node 10 with load 6
PRICER_C: Found path with load 18
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 30
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 28
Path is currently at node 6 with load 5
Path is currently at node 10 with load 6

Path is currently at node 3 with load 7
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 Path is currently at node 6 with load 5
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 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 30
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 PRICER_C: Found path with load 26
 Path is currently at node 6 with load 5
 Path is curre[0 2 7 9 7 9 7 9 11 0 0 0 0 0 0 0 0 0 0 0
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 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 28
 Path is currently at node 8 with load 5
 Path is currently at node 1 with load 10
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 PRICER_C: Found path with load 24
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 PRICER_C: Found path with load 25
 Path is currently at node 8 with load 5
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 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 23
 Path is currently at node 10 with load 6
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 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 27
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 30

Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 P
 Labelling found path (0, 2, 7, 9, 7, 9, 7, 9, 11) with negative reduced cost
 Path already in variables with reduced cost -5.5270270270270245 with farkas
 False.
 Farkas Values are [0.0, 0.0, 0.0, 0.0, -0.5, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0]
 There are no paths with negative reduced costs
 RICER_C: Found path with load 30
 Path is currently at node 1 with load 10
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 RICER_C: Found path with load 26
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 RICER_C: Found path with load 24
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 Path is currently at node 10 with load 6
 RICER_C: Found path with load 30
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 RICER_C: Found path with load 30
 Path is currently at node 7 with load 2
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 RICER_C: Found path with load 28
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 10
 Dual variables are [0.3518518518518512, 0.48148148148148184, 7.175925925925926,
 2.8703703703703702, 4.888888888888889, 3.3703703703703702, 7.888888888888889,
 0.23148148148148096, 0.38888888888888893, -0.518518518518519, -0.0]
 with load 6
 Path is currently at node 3 with load 7
 RICER_C: Found path with load 30
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 RICER_C: Found path with load 28
 Path is currently at node 6 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7

Path is currently at node 7 with load 2
PRICER_C: Found path with load 30
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 30
Path is currently at node 9 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 27
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 27
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 28
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 29
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
Path is currently at node 10 with load 6
PRICER_C: Found path with load 29
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
Path is currently at node 10 with load 6
PRICER_C: Found path with load 27
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 27
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 29
Path is currently at node 6 with load 5

Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Capacity is 30
PRICER_C: Found path with load 15
Path is currently at node 3 with load 7
PRICER_C: Found path with load 25
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 17
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 21
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 20
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 18
Path is currently at node 6 with load 5
Path is currently at node 10 with load 6
PRICER_C: Found path with load 16
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 18
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 30
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 28
Path is currently at node 6 with load 5
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 28
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 26
Path is currently at node 6 with load 5
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 24
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
PRICER_C: Found path with load 23

Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 27
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 26
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 22
Path is currently at node 10 with load 6
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 24
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 30
Path is currently at node 7 with load 2
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 29
Path is currently at node 6 with load 5
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
PRICER_C: Found path with load 30
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 28
Path is currently at node 6 with load 5
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 30
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 27
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 3 with load 7

Path is currently at node [0 2 7 9 7 9 7 9 11 0 0 0 0 0 0 0 0
 0 0 0 0 0 0
 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]10 with load 6
 PRICER_C: Found path with load 27
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 28
 Path is currently at node 7 with load 2
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 29
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
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 PRICER_C: Found path with load 29
 Path is currently at node 6 with load 5
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 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 27
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
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 PRICER_C:
 Found path with load 27
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 PRICER_C: Found path with load 27
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 29
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 29
 Path is currently at node 6 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7

Path is currently at node 10 with load 6
 PRICER_C: Found path with load 26
 Path is currently at node 7 with load 2
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Capacity is 30
 PRICER_C: Labelling found path (0, 2, 7, 9, 7, 9, 7, 9, 11) with negative reduced cost
 Path already in variables with reduced cost -4.314814814814817 with farkas False.
 Farkas Values are [0.0, 0.0, 0.0, -1.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0]Found path with load 15
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 25
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 17
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 21
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 24
 Path is currently at node 3 with load 7
 Path is currently at node 1 with load 10
 PRICER_C: Found path with load 20
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 18
 Path is currently at node 6 with load 5
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 16
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 18
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found pa
 There are no paths with negative reduced costs
 Dual variables are [0.46666666666666545, 0.21904761904762138, 7.261904761904761, 3.2476190476190463, 5.085714285714287, 3.304761904761901, 8.085714285714285, 0.19047619047619002, 0.14285714285714235, -1.666666666666667, -0.0]
 th with load 30
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 28

Path is currently at node 6 with load 5
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 28
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 26
Path is currently at node 6 with load 5
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 24
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
PRICER_C: Found path with load 23
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 27
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 30
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 26
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 24
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 30
Path is currently at node 7 with load 2
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 29
Path is currently at node 6 with load 5
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
PRICER_C: Found path with load 29
Path is currently at node 9 with load 5
Path is currently at node 6 with load 5

Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
PRICER_C: Found path with load 30
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 28
Path is currently at node 6 with load 5
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 30
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 27
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 27
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 28
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 29
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
Path is currently at node 10 with load 6
PRICER_C: Found path with load 29
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
Path is currently at node 10 with load 6
PRICER_C: Found path with load 27
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 27

Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 Path is curre[0 2 7 9 7 9 7 9 11 0 0 0 0 0 0 0 0 0 0 0
 0 0
 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]ntly at node 5 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 27
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 29
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 29
 Path is currently at node 6 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 26
 Path is currently at node 7 with load 2
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Capacity is 30
 PRICER_C: There are no paths with negative reduced costs
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 17
 Path is cur
 Labelling found path (0, 2, 7, 9, 7, 9, 7, 9, 11) with negative reduced cost
 Path already in variables with reduced cost -3.904761904761905 with farkas
 False.
 Farkas Values are [0.0, 0.0, 0.0, -1.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0]
 rently at node 3 with load 7
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 20
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 16
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 18
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 30
 Path is currently at node 3 with load 7

Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 28
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 26
 Path is currently at node 6 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 24
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 Path is There are no paths with negative reduced costs
 Dual variables are [0.6666666666666661, -0.23809523809523725, 6.976190476190476,
 3.9047619047619024, 5.428571428571431, 3.19047619047619, 8.428571428571429,
 -0.2380952380952408, -0.2857142857142865, -3.666666666666666, -0.0]
 currently at node 5 with load 5
 PRICER_C: Found path with load 26
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 21
 Path is currently at node 6 with load 5
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 21
 Path is currently at node 6 with load 5
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 29
 Path is currently at node 6 with load 5
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 27
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 25
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 30
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6

Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 28
Path is currently at node 6 with load 5
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 22
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 27
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 29
Path is currently at node 6 with load 5
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Path is currently at node 10 with load 6
PRICER_C: Found path with load 27
Path is currently at node 6 with load 5
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Path is currently at node 4 with load 6
PRICER_C: Found path with load 27
Path is currently at node 5 with load 5
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PRICER_C: Found path with load 27
Path is currently at node 6 with load 5
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Path is currently at node 4 with load 6
PRICER_C: Found path with load 29
Path is currently at node 3 with load 7
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Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 29
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6

PRICER_C: Found path with load 29
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 29
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 29
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
PRICER_C: Capacity is 30
PRICER_C: There are no paths with negative reduced costs
PRICER_C: Capacity is 30
PRICER_C: Found path with load 17
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 20
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 28
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
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PRICER_C: Found path with load 26
Path is currently at node 6 with load 5
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Path is currently at node 3 with load 7
PRICER_C: Found path with load 24
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
PRICER_C: Found path with load 26
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 28
Path is currently at node 9 with load 5

Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
Path is currently at node 5 with load 5
PRICER_C: Found path with load 29
Path is currently at node 6 with load 5
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
PRICER_C: Found path with load 27
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
PRICER_C: Found path with load 25
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
PRICER_C: Found path with load 30
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
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Path is currently at node 7 with load 2
PRICER_C: Found path with load 28
Path is currently at node 6 with load 5
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 24
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 22
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 27
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 27
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6

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PRICER_C: Found path with load 27
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path[ 0 5 4 5 4 7 10 11 0 0 0 0 0 0 0 0 0 0
0 0 0 0
    0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0] with load 27
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 30
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 29
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 29
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 29
Path is c
Labelling found path (0, 5, 4, 5, 4, 7, 10, 11) with negative reduced cost
Added (0, 5, 4, 5, 4, 7, 10, 11) with path weight 23
There are 2 occurrences of node 4
There are 2 occurrences of node 5
There are 1 occurrences of node 7
There are 1 occurrences of node 10
Dual variables are [0.6666666666666661, -0.23809523809523725, 6.976190476190476,
3.9047619047619024, 5.428571428571431, 3.19047619047619, 8.428571428571429,
-0.2380952380952408, -0.2857142857142865, -4.095238095238095, -0.0]
urrently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5

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Path is currently at node 7 with load 2
 PRICER_C: Found path with load 29
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Capacity is 30
 PRICER_C: There are no paths with negative reduced costs
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 15
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 17
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 20
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 28
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
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 PRICER_C: Found path with load 26
 Path is currently at node 6 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 24
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 26
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
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 PRICER_C: Found path with load 28
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
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 PRICER_C: Found path with load 29
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 PRICER_C: Found path with load 27
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PRICER_C: Found path with load 25
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
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PRICER_C: Found path with load 30
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PRICER_C: Found path with load 24
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PRICER_C: Found path with load 22
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PRICER_C: Found path with load 27
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PRICER_C: Found path with load 27
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PRICER_C: Found path with load 30
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PRICER_C: Found path with load 30
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 PRICER_C: Found path with load 29
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 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 29
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Labelling found path (0, 5, 4, 5, 4, 7, 9, 11) with negative reduced cost
 Added (0, 5, 4, 5, 4, 7, 9, 11) with path weight 22
 There are 2 occurrences of node 4
 There are 2 occurrences of node 5
 There are 1 occurrences of node 7
 There are 1 occurrences of node 9
 Dual variables are [0.16417910447760775, 0.9104477611940314, 6.820895522388054,
 2.2537313432835813, 4.567164179104478, 3.477611940298506, 7.567164179104478,
 0.16417910447760775, 0.7910447761194039, 0.43283582089553363, -0.0]

 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Capacity is 30
 PRICER_C: There are no paths with negative reduced costs
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 15
 Path is currently at node 3 with load 7

PRICER_C: Found path with load 17
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 20
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PRICER_C: Found path with load 27
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 Labelling found path (0, 2, 7, 9, 7, 9, 7, 9, 11) with negative reduced cost
 Path already in variables with reduced cost -4.9850746268656785 with farkas
 False.
 Farkas Values are [0.0, 0.0, 0.0, -1.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0]
 There are no paths with negative reduced costswith load 2
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 Dual variables are [0.66666666666666647, -0.23809523809523592, 6.976190476190475,
 3.9047619047619038, 5.428571428571429, 3.190476190476187, 8.428571428571429,
 -0.23809523809524347, -0.2857142857142865, -4.095238095238094, -0.0]
 y at node 5 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 7 with load 2
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 PRICER_C: Found path with load 30
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 PRICER_C: Capacity is 30
 PRICER_C: There are no paths with negative reduced costs
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 PRICER_C: Found path with load 15
 Path is currently at node 3 with load 7
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 PRICER_C: Found path with load 20
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 Path is currently at node 10 with load 6
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 PRICER_C: Found path with load 23

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 Labelling found path (0, 5, 4, 5, 4, 7, 10, 11) with negative reduced cost
 Path already in variables with reduced cost -0.0 with farkas False.
 Farkas Values are [0.0, 0.0, 0.0, -1.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0] at
 node 1 with load 10
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 28
 Path is currently at node 6 with load 5
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 PRICER_C: Found path with load 25
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Path is currently at node 7 with load 2
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 PRICER_C: Found path with load 25
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 PRICER_C: Found path with load 24
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
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 Path i
 There are no paths with negative reduced costs
 Dual variables are [0.7910447761193993, -0.5223880597014917, 6.798507462686565,
 4.313432835820894, 5.64179104477612, 3.1194029850746254, 8.64179104477612,
 -0.5223880597014983, -0.5522388059701484, -5.552238805970148, -0.0]
 s currently at node 7 with load 2
 PRICER_C: Found path with load 30
 Path is currently at node 3 with load 7
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 PRICER_C: Found path with load 24
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 PRICER_C: Found path with load 22
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 PRICER_C: Found path with load 30
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PRICER_C: Found path with load 30
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 PRICER_C: Capacity is 30
 PRICER_C: There are no paths with negative reduced costs
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 15
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 16
 Path is currently at node 10 with load 6
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 21
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 18
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 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 20
 Path is currently at node 6 with load 5
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 23
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 21
 Path is currently at node 6 with load 5
 Path is currently at node 10 with load 6
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 27
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6

PRICER_C: Found path with load 26
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 PRICER_C: Found path with load 24
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at no
 Labelling found path (0, 5, 4, 5, 4, 7, 9, 11) with negative reduced cost
 Path already in variables with reduced cost -6.0 with farkas False.
 Farkas Values are [0.0, 0.0, 0.0, -1.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0]de 10
 with load 6
 PRICER_C: Found path with load 28
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 28
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 28
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 29
 Path is currently at node 10 with load 6
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 29
 Path is currently at node 6 with load 5
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 PRICER_C:
 There are no paths with negative reduced costs
 Dual variables are [-1.7647058823529491, -0.11764705882352985,
 5.794117647058824, 4.779411764705883, 7.852941176470592, 0.7058823529411721,
 9.176470588235293, -3.470588235294116, -1.220588235294116, -11.441176470588244,
 -0.0]
 Found path with load 30
 Path is currently at node 10 with load 6
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5

PRICER_C: Found path with load 28
Path is currently at node 6 with load 5
Path is currently at node 5 with load 5
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
PRICER_C: Found path with load 25
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
PRICER_C: Found path with load 25
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
PRICER_C: Found path with load 26
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
PRICER_C: Found path with load 22
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 23
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 29
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
PRICER_C: Found path with load 30
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
Path is currently at node 5 with load 5
PRICER_C: Found path with load 30
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
PRICER_C: Found path with load 30

Path is currently at node 5 with load 5
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
PRICER_C: Found path with load 30
Path is currently at node 6 with load 5
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
PRICER_C: Found path with load 27
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
PRICER_C: Found path with load 30
Path is currently at node 5 with load 5
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 24
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 30
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 28
Path is currently at node 6 with load 5
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 29
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2

PRICER_C: Found path with load 29
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
PRICER_C: Capacity is 30
PRICER_C: There are no paths with negative reduced costs
PRICER_C: Capacity is 30
PRICER_C: Found path with load 18
Path is currently at node 6 with load 5
Path is currently at node 5 with load 5
PRICER_C: Found path with load 17
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 15
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 16
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
PRICER_C: Found path with load 28
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 26
Path is currently at node 6 with load 5
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 26
Path is currently at node 5 with load 5
Path is currently at node 2 with load 8
Path is currently at node 5 with load 5
PRICER_C: Found path with load 23
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
Path is currently at node 5 with load 5
PRICER_C: Found path with load 24
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
PRICER_C: Found path with load 24
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
PRICER_C: Found path with load 26
Path is currently at node 3 with load 7

Path is currently at node 10 with load 6
Path is currently at node 5 with load 5
PRICER_C: Found path with load 25
Path is currently at node 3 with load 7
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
PRICER_C: Found path with load 23
Path is currently at node 5 with load 5
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
PRICER_C: Found path with load 20
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
PRICER_C: Found path with load 24
Path is currently at node 10 with load 6
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
PRICER_C: Found path with load 23
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 20
Path is currently at node 6 with load 5
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 23
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
PRICER_C: Found path with load 21
Path is currently at node 6 with load 5
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PRICER_C: Found path with load 28
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 28
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
Path is currently at node 5 with load 5
PRICER_C: Found path with load 28
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8

Path is currently at node 5 with load 5
PRICER_C: Found path with load 29
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
Path is currently at node 5 with load 5
PRICER_C: Found path with load 29
Path is currently at node 6 with load 5
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
PRICER_C: Found path with load 28
Path is currently at node 6 with load 5
Path is currently at node 5 with load 5
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
PRICER_C: Found path with load 27
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
PRICER_C: Found path with load 25
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
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PRICER_C: Found path with load 25
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
PRICER_C: Found path with load 26
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
PRICER_C: Found path with load 30
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 22
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 23
Path is currently at node 10 with load 6

Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
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 PRICER_C: Found path with load 29
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 30
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8 [0 5 4 5 9 7 8 11 0 0 0 0 0
 0 0 0 0 0 0 0 0 0 0 0 0
 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]
 Labelling found path (0, 5, 4, 5, 9, 7, 8, 11) with negative reduced cost
 Added (0, 5, 4, 5, 9, 7, 8, 11) with path weight 23
 There are 1 occurrences of node 4
 There are 2 occurrences of node 5
 There are 1 occurrences of node 7
 There are 1 occurrences of node 8
 There are 1 occurrences of node 9
 Dual variables are [-1.7647058823529491, -0.11764705882352985,
 5.794117647058824, 4.779411764705883, 7.852941176470592, 0.7058823529411721,
 9.176470588235293, -5.441176470588245, -1.220588235294116, -11.441176470588244,
 -0.0]

Path is currently at node 5 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 30
 Path is currently at node 5 with load 5
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
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 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 30
 Path is currently at node 6 with load 5
 Path is currently at node 9 with load 5
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 Path is currently at node 2 with load 8
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 27
 Path is currently at node 7 with load 2

Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
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 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 30
 Path is currently at node 5 with load 5
 Path is currently at node 2 with load 8
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 PRICER_C: Found path with load 24
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 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 30
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
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 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 29
 Path is currently at node 8 with load 5
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 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 29
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Capacity is 30
 PRICER_C: There are no paths with negative reduced costs
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 15
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 17
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 28
 Path is currently at node 3 with load 7
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7

PRICER_C: Found path with load 26
Path is currently at node 5 with load 5
Path is currently at node 2 with load 8
Path is currently at node 5 with load 5
PRICER_C: Found path with load 23
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
Path is currently at node 5 with load 5
PRICER_C: Found path with load 26
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
PRICER_C: Found path with load 24
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
PRICER_C: Found path with load 24
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Path is currently at node 5 with load 5
PRICER_C: Found path with load 25
Path is currently at node 3 with load 7
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
PRICER_C: Found path with load 23
Path is currently at node 5 with load 5
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Path is currently at node 7 with load 2
PRICER_C: Found path with load 20
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
PRICER_C: Found path with load 23
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
PRICER_C: Found path with load 21
Path is currently at node 6 with load 5
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 30
Path is currently at node 3 with load 7
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Path is currently at node 5 with load 5
PRICER_C: Found path with load 28
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
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Path is currently at node 5 with load 5
PRICER_C: Found path with load 28
Path is currently at node 9 with load 5
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PRICER_C: Found path with load 29
Path is currently at node 10 with load 6
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PRICER_C: Found path with load 29
Path is currently at node 6 with load 5
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PRICER_C: Found path with load 26
Path is currently at node 9 with load 5
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Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
PRICER_C: Found path with load 28
Path is currently at node 6 with load 5
Path is currently at node 5 with load 5
Path is currently at node 2 with load 8
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PRICER_C: Found path with load 27
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
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Path is currently at node 7 with load 2
PRICER_C: Found path with load 25
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
PRICER_C: Found path with load 25
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
PRICER_C: Found path with load 26
Path is currently at node 10 with load 6

Path is currently at node 7 with load 2
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Path is currently at node 7 with load 2
PRICER_C: Found path with load 24
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 30
Path is currently at node 3 with load 7
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Path is currently at node 7 with load 2
PRICER_C: Found path with load 24
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 22
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 29
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
PRICER_C: Found path with load 26
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 27
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 27
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 30
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8

Path is currently at node 5 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 29
 Path is currently at node 7 with load 2
 Path is currently at node 3 with load 7
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 Path is currently at node 2 with load 8
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 27
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
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 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 30
 Path is currently at node 10 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 24
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
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 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 29
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
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 PRICER_C: Found path with load 29
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Capacity is 30
 PRICER_C: There are no paths with negative reduced costs
 PRICER_C: Capacity is 30

Path is currently at node 6 with load 5
 Path is currently at node 5 with load 5
 Path is currently at node 4 with
 Labelling found path (0, 5, 4, 5, 9, 7, 8, 11) with negative reduced cost
 Path already in variables with reduced cost -0.0 with farkas False.
 Farkas Values are [0.0, 0.0, 0.0, -1.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0]
 h load 6
 PRICER_C: Found path with load 30
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 28
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 28
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 29
 Path is currently at node 6 with load 5
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 PRICER_C: Found path There are no paths with negative reduced costs
 Dual variables are [-1.7707641196013117, -1.4584717607973445, 5.313953488372093,
 6.4086378737541505, 8.142857142857135, 1.086378737541537, 9.943521594684386,
 -7.458471760797325, -2.179401993355482, -16.04651162790696, -0.0]
 with load 29
 Path is currently at node 9 with load 5
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 10 with load 6
 Path is currently at node 6 with load 5
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 PRICER_C: Found path with load 28
 Path is currently at node 3 with load 7

Path is currently at node 7 with load 2
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
PRICER_C: Found path with load 26
Path is currently at node 9 with load 5
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Path is currently at node 5 with load 5
PRICER_C: Found path with load 28
Path is currently at node 6 with load 5
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PRICER_C: Found path with load 27
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PRICER_C: Found path with load 25
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PRICER_C: Found path with load 25
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PRICER_C: Found path with load 26
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Path is currently at node 7 with load 2
PRICER_C: Found path with load 26
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 24
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 24
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2

PRICER_C: Found path with load 22
Path is currently at node 9 with load 5
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 False.
 Dual variables are [-12.333333333333336, -4.0, 7.939393939393938,
 11.666666666666668, 12.0, -4.232323232323234, 15.0, -24.232323232323235,
 -3.4343434343434325, -39.333333333333336, -0.0]
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 3.0817307692307683, 6.8076923076923075, 1.9615384615384608, 9.807692307692307,
 -4.192307692307692, 0.6875000000000009, -6.586538461538458, -0.0]
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 Labelling found path (0, 7, 9, 7, 9, 7, 9, 7, 9, 7, 11) with negative reduced cost
 Path already in variables with reduced cost -0.0 with farkas False.
 Dual variables are [-12.0, -4.0, 9.0, 8.35576923076923, 12.0, -3.000000000000001, 15.0, -23.0, -1.3557692307692308, -32.71153846153846, -0.0]
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Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 22
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 21
Path is currently at node 6 with load 5
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 18
Path is currently at node 7 with load 2
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 21
Path is currently at node 9 with load 5
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 20
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 4 with load 6
PRICER_C: Found path with load 18
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 4 with load 6
PRICER_C: Found path with load 30
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
Path is currently at node 5 with load 5
PRICER_C: Found path with load 28
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
Path is currently at node 5 with load 5
PRICER_C: Found path with load 30
Path is currently at node 4 with load 6
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PRICER_C: Found path with load 29
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PRICER_C: Found path with load 28
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PRICER_C: Found path with load 27
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PRICER_C: Found path with load 24

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PRICER_C: Found path with load 27
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PRICER_C: Found path with load 29
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PRICER_C: Found path with load 25
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PRICER_C: Found path with load 27
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PRICER_C: Found path with load 27
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PRICER_C: Found path with load 27
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PRICER_C: Found path with load 29
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PRICER_C: Found path with load 29
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PRICER_C: Found path with load 30
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PRICER_C: Found path with load 28
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Path is currently at node 4 with load 6
PRICER_C: Capacity is 30
PRICER_C: There are no paths with negative reduced costs
PRICER_C: Capacity is 30
PRICER_C: Found path with load 17
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 18
Path is currently at node 5 with load 5
Path is currently at node 2 with load 8
PRICER_C: Found path with load 18
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
PRICER_C: Found path with load 16
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 16
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PRICER_C: Found path with load 13
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PRICER_C: Found path with load 24
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PRICER_C: Found path with load 24
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PRICER_C: Found path with load 30
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PRICER_C: Found path with load 29
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PRICER_C: Found path with load 29
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PRICER_C: Found path with load 28
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 PRICER_C: Found path with load 29
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 PRICER_C: Found path with load 28
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 PRICER_C: Found path with load 27
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 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 24
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 PRICER_C: Found path with load 27
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 PRICER_C: Found path with load 29
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Path is currently at node 2 with load 8
 PRICER_C: Found path with load 26
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 Path is currently at node 5 with load 5
 Path is currently at node 4
 Labelling found path (0, 7, 4, 5, 4, 6, 11) with negative reduced cost
 Added (0, 7, 4, 5, 4, 6, 11) with path weight 23
 with load 6
 PRICER_C: Found path with load 29
 Path is currently at node 3 with load 7
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 PRICER_C: Found path with load 27
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 PRICER_C: Found pThere are 2 occurrences of node 4
 There are 1 occurrences of node 5
 There are 1 occurrences of node 6
 There are 1 occurrences of node 7
 Dual variables are [-42.8, -5.333333333333333, -0.2666666666666675,
 2.73333333333333325, 10.866666666666667, -10.333333333333332, 17.0, -29.4,
 10.933333333333334, -31.6, -0.0]
 ath with load 27
 Path is currently at node 9 with load 5
 Path is currently at node 4 with load 6
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 PRICER_C: Found path with load 25
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PRICER_C: Found path with load 23
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PRICER_C: Found path with load 21
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PRICER_C: Found path with load 30
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PRICER_C: Found path with load 29
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PRICER_C: Found path with load 29
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Path is currently at node 7 with load 2
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Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Capacity is 30
PRICER_C: Found path with load 9
Path is currently at node 7 with load 2
PRICER_C: Found path with load 13
Path is currently at node 3 with load 7
PRICER_C: Found path with load 11
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PRICER_C: Found path with load 8

Path is currently at node 7 with load 2
PRICER_C: Found path with load 12
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PRICER_C: Found path with load 11
Path is currently at node 4 with load 6
PRICER_C: Found path with load 7
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PRICER_C: Found path with load 17
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PRICER_C: Found path with load 18
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 15
Path is currently at node 7 with load 2
Path is currently at node 4 with load 6
PRICER_C: Found path with load 16
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 18
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PRICER_C: Found path with load 17
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PRICER_C: Found path with load 18
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 4 with load 6
PRICER_C: Found path with load 19
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5

Path is currently at node 4 with load 6
PRICER_C: Found path with load 18
Path is currently at node 6 with load 5
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 15
Path is currently at node 7 with load 2
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 18
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
Path is currently at node 4 with load 6
PRICER_C: Found path with load 17
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 4 with load 6
PRICER_C: Found path with load 16
Path is currently at node 4 with load 6
Path is currently at node 7 with load 2
Path is currently at node 4 with load 6
PRICER_C: Found path with load 15
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
Path is currently at node 4 with load 6
PRICER_C: Found path with load 15
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 4 with load 6
PRICER_C: Found path with load 18
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
PRICER_C: Found path with load 16
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 5 with load 5
PRICER_C: Found path with load 14
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 5 with load 5
PRICER_C: Found path with load 29
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
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Path is currently at node 4 with load 6
PRICER_C: Found path with load 29
Path is currently at node 6 with load 5

Path is currently at node 4 with load 6
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Path is currently at node 4 with load 6
PRICER_C: Found path with load 26
Path is currently at node 7 with load 2
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 29
Path is currently at node 9 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 30
Path is currently at node 2 with load 8
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
PRICER_C: Found path with load 29
Path is currently at node 3 with load 7
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
PRICER_C: Found path with load 28
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
PRICER_C: Found path with load 27
Path is currently at node 6 with load 5
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
PRICER_C: Found path with load 24
Path is currently at node 7 with load 2
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Path is currently at node 4 with load 6
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PRICER_C: Found path with load 27
Path is currently at node 9 with load 5
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
PRICER_C: Found path with load 29
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5

PRICER_C: Found path with load 27
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
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Path is currently at node 5 with load 5
PRICER_C: Found path with load 26
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PRICER_C: Found path with load 24
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PRICER_C: Found path with load 24
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PRICER_C: Found path with load 24
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PRICER_C: Found path with load 29
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PRICER_C: Found path with load 27
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PRICER_C: Found path with load 27
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PRICER_C: Found path with load 24
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PRICER_C: Found path with load 27
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PRICER_C: Found path with load 27
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PRICER_C: Found path with load 28
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PRICER_C: Found path with load 26
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PRICER_C: Found path with load 25
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PRICER_C: Found path with load 23
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PRICER_C: Found path with load 23
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PRICER_C: Found path with load 23
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PRICER_C: Found path with load 22
Path is currently at node 7 with load 2
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Path is currently at node 7 with load 2
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PRICER_C: Found path with load 24
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
Path is currently at node 7 with load 2
Path is currently at node 4 with load 6
PRICER_C: Found path with load 24

Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 7 with load 2
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PRICER_C: Found path with load 21
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Path is currently at node 7 with load 2
Path is currently at node 4 with load 6
PRICER_C: Found path with load 26
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PRICER_C: Found path with load 24
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PRICER_C: Found path with load 24
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PRICER_C: Found path with load 21
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PRICER_C: Found path with load 25
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PRICER_C: Found path with load 23
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Path is currently at node 4 with load 6
PRICER_C: Found path with load 22
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 20
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
Path is currently at node 5 with load 5

Path is currently at node 4 with load 6
PRICER_C: Found path with load 20
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 21
Path is currently at node 5 with load 5
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PRICER_C: Found path with load 24
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Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
PRICER_C: Found path with load 23
Path is currently at node 6 with load 5
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
PRICER_C: Found path with load 20
Path is currently at node 7 with load 2
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
PRICER_C: Found path with load 30
Path is currently at node 7 with load 2
Path is currently at node 4 with load 6
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Path is currently at node 5 with load 5
PRICER_C: Found path with load 29
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PRICER_C: Found path with load 29
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Path is currently at node 5 with load 5
PRICER_C: Found path with load 29
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Path is currently at node 4 with load 6
PRICER_C: Found path with load 30
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PRICER_C: Found path with load 29
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PRICER_C: Found path with load 29
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PRICER_C: Found path with load 29
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PRICER_C: Found path with load 29
Path is currently at node 2 with load 8
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PRICER_C: Found path with load 28
Path is currently at node 3 with load 7
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Path is currently at node 7 with load 2
Path is currently at node 4 with load 6
PRICER_C: Found path with load 27
Path is currently at node 4 with load 6
Path is currently at node 7 with load 2
Path is currently at node 4 with load 6
Path is currently at node 7 with load 2
Path is currently at node 4 with load 6
PRICER_C: Found path with load 26
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
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Path is currently at node 7 with load 2
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PRICER_C: Found path with load 26
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
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Path is currently at node 7 with load 2
Path is currently at node 4 with load 6
PRICER_C: Found path with load 30
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 29
Path is currently at node 6 with load 5
Path is currently at node 5 with load 5
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Path is currently at node 4 with load 6
PRICER_C: Found path with load 26
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Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 29
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Path is currently at node 7 with load 2
Path is currently at node 4 with load 6
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Path is currently at node 4 with load 6
PRICER_C: Found path with load 28
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
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PRICER_C: Found path with load 27
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Path is currently at node 4 with load 6
PRICER_C: Found path with load 26
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
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Path is currently at node 4 with load 6
PRICER_C: Found path with load 26
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Path is currently at node 4 with load 6
PRICER_C: Found path with load 26
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Path is currently at node 4 with load 6
PRICER_C: Found path with load 29
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
PRICER_C: Found path with load 30
Path is currently at node 1 with load 10
Path is currently at node 7 with load 2
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
PRICER_C: Found path with load 28
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
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PRICER_C: Found path with load 27
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
PRICER_C: Found path with load 25
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
PRICER_C: Found path with load 25
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 5 with load 5

Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
PRICER_C: Capacity is 30
PRICER_C: Found path with load 15
Path is currently at node 3 with load 7
PRICER_C: Found path with load 20
Path is currently at node 3 with load 7
Path is currently at node 5 with load 5
PRICER_C: Found path with load 17
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 15
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 16
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 16
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 23
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
Path is currently at node 5 with load 5
PRICER_C: Found path with load 26
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
PRICER_C: Found path with load 24
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PRICER_C: Found path with load 24
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
PRICER_C: Found path with load 21
Path is currently at node 7 with load 2
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
PRICER_C: Found path with load 25
Path is currently at node 3 with load 7
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
PRICER_C: Found path with load 23
Path is currently at node 5 with load 5
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2

PRICER_C: Found path with load 20
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
PRICER_C: Found path with load 19
Path is currently at node 7 with load 2
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 17
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 23
Path is currently at node 6 with load 5
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Path is currently at node 2 with load 8
PRICER_C: Found path with load 22
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
PRICER_C: Found path with load 20
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
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PRICER_C: Found path with load 21
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PRICER_C: Found path with load 21
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Path is currently at node 4 with load 6
PRICER_C: Found path with load 16
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
PRICER_C: Found path with load 30
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Path is currently at node 2 with load 8
Path is currently at node 5 with load 5
PRICER_C: Found path with load 28
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
Path is currently at node 5 with load 5
PRICER_C: Found path with load 30
Path is currently at node 4 with load 6

Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 29
 Path is currently at node 6 with load 5
 Path is currently at node 5 with load 5
 Path is c[0 7 9 7 9 7 9 7 9 7 11 0 0 0 0 0 0 0 0 0 0 0
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 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 26
 Path is currently at node 7 with load 2
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 PRICER_C: Found path with load 29
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 PRICER_C: Found path with load 28
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 PRICER_C: Found path with load 26
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 27
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Labelling found path (0, 7, 9, 7, 9, 7, 9, 7, 9, 7, 11) with negative reduced
 cost
 Path already in variables with reduced cost 125.7907692307692 with farkas False.
 Dual variables are [6.575757575757578, 2.212121212121212, 8.848484848484848,
 4.333333333333334, 2.242424242424242, 3.6060606060606055, 4.121212121212121,
 3.848484848484846, -0.3939393939393927, 1.8484848484848486, -0.0]

 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 25
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 29

Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
PRICER_C: Found path with load 28
Path is currently at node 6 with load 5
Path is currently at node 5 with load 5
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Path is currently at node 7 with load 2
PRICER_C: Found path with load 27
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PRICER_C: Found path with load 25
Path is currently at node 9 with load 5
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Path is currently at node 7 with load 2
PRICER_C: Found path with load 26
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Path is currently at node 7 with load 2
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 24
Path is currently at node 9 with load 5
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PRICER_C: Found path with load 24
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Path is currently at node 7 with load 2
PRICER_C: Found path with load 22
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
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Path is currently at node 7 with load 2
PRICER_C: Found path with load 23
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 21
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5

Path is currently at node 7 with load 2
PRICER_C: Found path with load 29
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
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PRICER_C: Found path with load 25
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PRICER_C: Found path with load 22
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PRICER_C: Found path with load 29
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PRICER_C: Found path with load 27
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PRICER_C: Found path with load 27
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PRICER_C: Found path with load 24
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Path is currently at node 4 with load 6
PRICER_C: Found path with load 23
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Path is currently at node 4 with load 6
PRICER_C: Found path with load 16
Path is currently at node 7 with load 2

Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
PRICER_C: Found path with load 30
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
Path is currently at node 5 with load 5
PRICER_C: Found path with load 30
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
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Path is currently at node 7 with load 2
PRICER_C: Found path with load 27
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
PRICER_C: Found path with load 30
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 24
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 23
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 30
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
PRICER_C: Found path with load 30
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2

Path is currently at node 2 with load 8
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 PRICER_C: Fo[0 3 10 6 4 5 11 0 0 0 0 0 0 0 0 0 0 0 0 0 0
 0 0
 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]und path with load 30
 Path is currently at node 2 with load 8
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 PRICER_C: Found path with load 27
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 PRICER_C: Found path with load 29
 Path is currently at node 7 with load 2
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 29
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 29
 Path is currently at node 9 with load 5
 Pa
 Labelling found path (0, 3, 10, 6, 4, 5, 11) with negative reduced cost
 Added (0, 3, 10, 6, 4, 5, 11) with path weight 19
 There are 1 occurences of node 3
 There are 1 occurences of node 4
 There are 1 occurences of node 5
 There are 1 occurences of node 6
 There are 1 occurences of node 10
 Dual variables are [6.5, 2.4999999999999996, 7.666666666666666,
 4.166666666666667, 1.8333333333333334, 2.833333333333333, 3.6666666666666668,
 4.4999999999999998, 0.6666666666666661, 2.5000000000000004, -0.0]
 th is currently at node 7 with load 2
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 30
 Path is currently at node 3 with load 7

Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 28
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 23
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
PRICER_C: Found path with load 21
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
PRICER_C: Found path with load 29
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 29
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 30
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 30
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2

Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 28
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 28
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 23
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
PRICER_C: Found path with load 30
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 30
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
PRICER_C: Found path with load 28
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
PRICER_C: Found path with load 28

Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 29
 Path is currently at node 10 with load 6
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 9
 Path[0 3 10 3 10 7 11 0 0 0 0 0 0 0 0 0 0 0 0 0 0
 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0] is currently at node 7 with
 load 2
 PRICER_C: Found path with load 13
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 11
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 12
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 11
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 7
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 9
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 7
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 17
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 15
 Path is currently at node 9 with load 5

Path is currently at node 7 with load 2
 PRICER_C: Found path with load 18
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 15
 Path is currently at node 7 with load 2
 Path is currently at node 4 with
 Labelling found path (0, 3, 10, 3, 10, 7, 11) with negative reduced cost
 Path already in variables with reduced cost -2.0 with farkas False.
 Farkas Values are [0.0, -1.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0]
 load 6
 PRICER_C: Found path with load 16
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 14
 Path is currently at node 5 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 14
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 17
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 16
 Path is currently at node 6 with load 5
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 13
 Path is currently at node 7 with load 2
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 15
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 18
 Path is currently at node 3 with load 7
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 16
 Path is currently at node 5 with load 5
 Path isThere are no paths with negative reduced costs
 Dual variables are [6.499999999999999, 2.4999999999999973, 7.666666666666666,
 4.166666666666666, 1.8333333333333366, 2.8333333333333366, 3.666666666666667,
 4.4999999999999998, 0.6666666666666634, 2.5000000000000013, -0.0]
 currently at node 4 with load 6
 PRICER_C: Found path with load 16
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 13
 Path is currently at node 7 with load 2
 Path is currently at node 4 with load 6

PRICER_C: Found path with load 16
Path is currently at node 9 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 14
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 12
Path is currently at node 5 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 12
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 12
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
PRICER_C: Found path with load 12
Path is currently at node 7 with load 2
Path is currently at node 2 with load 8
PRICER_C: Found path with load 11
Path is currently at node 7 with load 2
Path is currently at node 3 with load 7
PRICER_C: Found path with load 13
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 10
Path is currently at node 7 with load 2
Path is currently at node 4 with load 6
PRICER_C: Found path with load 13
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
PRICER_C: Found path with load 9
Path is currently at node 7 with load 2
Path is currently at node 5 with load 5
PRICER_C: Found path with load 9
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
PRICER_C: Found path with load 26
Path is currently at node 2 with load 8
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 24
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 23
Path is currently at node 9 with load 5
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6

PRICER_C: Found path with load 20
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 24
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
PRICER_C: Found path with load 22
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
PRICER_C: Found path with load 22
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
PRICER_C: Found path with load 19
Path is currently at node 7 with load 2
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
PRICER_C: Found path with load 22
Path is currently at node 9 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
PRICER_C: Found path with load 21
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
Path is currently at node 5 with load 5
PRICER_C: Found path with load 20
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 5 with load 5
PRICER_C: Found path with load 18
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 5 with load 5
PRICER_C: Found path with load 26
Path is currently at node 1 with load 10
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 24
Path is currently at node 2 with load 8
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 23
Path is currently at node 3 with load 7
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6

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PRICER_C: Found path with load 22
Path is currently at node 4 [ 0  3 10  3 10  7 11  0  0  0  0  0  0  0  0  0
0  0  0  0  0  0  0
    0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0]with load 6
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 21
Path is currently at node 6 with load 5
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 18
Path is currently at node 7 with load 2
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 21
Path is currently at node 9 with load 5
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 21
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
Path is currently at node 4 with load 6
PRICER_C: Found path with load 20
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 4 with load 6
PRICER_C: Found path with load 19
Path is currently at node 4 with load 6
Path is currently at node 7 with load 2
Path is currently at nod
Labelling found path (0, 3, 10, 3, 10, 7, 11) with negative reduced cost
Path already in variables with reduced cost -1.999999999999993 with farkas
False.
Farkas Values are [0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, -1.0, 0.0]
There are no paths with negative reduced costse 4 with load 6
PRICER_C: Found path with load 18
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
Path is currently at node 4 with load 6
PRICER_C: Found path with load 18
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 4 with load 6
PRICER_C: Found path with load 18
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 17

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Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 17
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 2 with load 8
 PRICER_C: Found path with load 19
 Path is currently at node 2 with load 8
 Path is currently at node 7 with load 2
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 18
 Path is currently at node
 Dual variables are [6.714285714285715, 1.714285714285712, 6.571428571428571,
 3.357142857142856, 2.142857142857144, 3.5000000000000036, 3.642857142857144,
 4.785714285714285, 1.2857142857142851, 3.4285714285714293, -0.0]
 3 with load 7
 Path is currently at node 7 with load 2
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 16
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 19
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 18
 Path is currently at node 6 with load 5
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 15
 Path is currently at node 7 with load 2
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 18
 Path is currently at node 2 with load 8
 Path is currently at node 7 with load 2
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 17
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 16
 Path is currently at node 4 with load 6
 Path is currently at node 7 with load 2
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 15

Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
Path is currently at node 4 with load 6
PRICER_C: Found path with load 15
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 4 with load 6
PRICER_C: Found path with load 18
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
PRICER_C: Found path with load 15
Path is currently at node 7 with load 2
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
PRICER_C: Found path with load 16
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 5 with load 5
PRICER_C: Found path with load 14
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 5 with load 5
PRICER_C: Found path with load 16
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
PRICER_C: Found path with load 14
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
PRICER_C: Found path with load 29
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 29
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 26
Path is currently at node 7 with load 2
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 25
Path is currently at node 5 with load 5

Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 30
 Path is currently at node 2 with load 8
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 29
 Path is currently at node 3 with load 7
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 28
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 27
 Path is currently at node 6 with load 5
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 24
 Path is cu[0 6 10 3 10 6 11 0 0 0 0 0 0 0 0 0 0 0 0 0 0
 0
 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]rrently at node 7 with load 2
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 27
 Path is currently at node 9 with load 5
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 29
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 27
 Path is currently at node 2 with load 8
 Path is currently at node 7 with load 2
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 26
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2

Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 24
 Path is currently at node 9 with load 5
 Labelling found path (0, 6, 10, 3, 10, 6, 11) with negative reduced cost
 Path already in variables with reduced cost -5.428571428571438 with farkas
 False.
 Dual variables are [6.230769230769227, 1.923076923076927, 7.358974358974364,
 4.269230769230768, 2.4871794871794877, 5.051282051282049, 4.410256410256406,
 3.948717948717951, -1.7307692307692317, -0.6410256410256352, -0.0]

Path is currently at node 7 with load 2
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 PRICER_C: Found path with load 29
 Path is currently at node 3 with load 7
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 27
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 27
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 24
 Path is currently at node 7 with load 2
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 27
 Path is currently at node 9 with load 5
 Path is currently at node 4 with load 6
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 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 28
 Path is currently at node 1 with load 10
 Path is currently at node 7 with load 2
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 26
 Path is currently at node 2 with load 8
 Path is currently at node 7 with load 2
 Path is currently at node 5 with load 5

Path is currently at node 4 with load 6
PRICER_C: Found path with load 25
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 23
Path is currently at node 5 with load 5
Path is currently at node 7 with load 2
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 23
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 23
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 23
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 22
Path is currently at node 7 with load 2
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 4 with load 6
PRICER_C: Found path with load 24
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
Path is currently at node 7 with load 2
Path is currently at node 4 with load 6
PRICER_C: Found path with load 21
Path is currently at node 7 with load 2
Path is currently at node 4 with load 6
Path is currently at node 7 with load 2
Path is currently at node 4 with load 6
PRICER_C: Found path with load 23
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 24
Path is currently at node 5 with load 5

Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 24
 Path is currently at node 6 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 21
 Path is currently at node 7 with load 2
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
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 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 Path is currently at node 4 with load 6
 ERROR: Path length exceeds maximum. Current value of path_len is 33
 PRIC[0 6 4 6 4 6 11 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]ER_C: Capacity is 30
 PRICER_C: Found path with load 10
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 7
 Path is currently at node 7 with load 2

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PRICER_C: Found path with load 10
Path is currently at node 9 with load 5
PRICER_C: Found path with load 7
Path is currently at node 5 with load 5
PRICER_C: Found path with load 7
Path is currently at node 9 with load 5
PRICER_C: Found path with load 10
Path is currently at node 5 with load 5
PRICER_C: Found path with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 15
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 16
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 14
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
PRICER_C: Found path with load 12
Path is currently at node 5 with load 5
Path is currently at node 7 with load 2
PRICER_C:
Labelling found path (0, 6, 4, 6, 4, 6, 11) with negative reduced cost
Path already in variables with reduced cost -6.692307692307686 with farkas
False.
Farkas Values are [0.0, 0.0, 0.0, -0.5, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0]
Found path with load 12
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 15
Path is currently at node 5 with load 5
Path is currently at node 9 with load 5
PRICER_C: Found path with load 12
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
PRICER_C: Found path with load 13
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 14
Path is currently at node 3 with load 7
Path is currently at node 9 with load 5
PRICER_C: Found path with load 13
Path is currently at node 4 with load 6
Path is currently at node 9 with load 5
PRICER_C: Found path with load 12
Path is currently at node 5 with load 5
Path is currently at node 9 with load 5

```

PRICER_C: Found path with load 9
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 15
 Path is currently at node 2 with load 8
 Path is currently at node There are no paths with negative reduced costse 7 with
 load 2
 PRICER_C: Found path with load 14
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 12
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 21
 Path is currently at node 4 with load 6
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 20
 Path is currently at node 5 with load 5
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 17
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 24
 Path is currently at node 2 with load 8
 Path is currently at node 5 with load 5
 Path is currently at node 4 with load 6
 PRICER_C: Found path with load 22
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 Path is currently at node
 Dual variables are [4.966666666666669, 2.8666666666666676, 9.0,
 4.488888888888889, 2.0777777777777775, 4.988888888888889, 3.4666666666666655,
 4.577777777777778, -2.422222222222225, -1.5555555555555554, -0.0]
 4 with load 6
 PRICER_C: Found path with load 18
 Path is currently at node 4 with load 6
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 17
 Path is currently at node 5 with load 5
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 17
 Path is currently at node 6 with load 5
 Path is currently at node 9 with load 5

Path is currently at node 7 with load 2
PRICER_C: Found path with load 14
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 23
Path is currently at node 2 with load 8
Path is currently at node 5 with load 5
Path is currently at node 9 with load 5
PRICER_C: Found path with load 21
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
Path is currently at node 9 with load 5
PRICER_C: Found path with load 20
Path is currently at node 9 with load 5
Path is currently at node 5 with load 5
Path is currently at node 9 with load 5
PRICER_C: Found path with load 20
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
PRICER_C: Found path with load 19
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
PRICER_C: Found path with load 18
Path is currently at node 4 with load 6
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
PRICER_C: Found path with load 17
Path is currently at node 5 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
PRICER_C: Found path with load 17
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
PRICER_C: Found path with load 17
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
PRICER_C: Found path with load 18
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
Path is currently at node 9 with load 5
PRICER_C: Found path with load 17
Path is currently at node 6 with load 5
Path is currently at node 5 with load 5

Path is currently at node 9 with load 5
 PRICER_C: Found path with load 17
 Path is currently at node 2 with load 8
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 16
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 15
 Path is currently at node 4 with load 6
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 14
 Path is currently at node 5 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 14
 Path is currently at node [0 6 4 6 4 6 11 0 0 0 0 0 0 0 0 0 0
 0 0 0 0 0 0
 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]
 Labelling found path (0, 6, 4, 6, 4, 6, 11) with negative reduced cost
 Path already in variables with reduced cost -6.944444444444443 with farkas
 False.
 Farkas Values are [0.0, 0.0, 0.0, 0.0, -0.5, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0]
 6 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 14
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 17
 Path is currently at node 5 with load 5
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 14
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 25
 Path is currently at node 2 with load 8
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 24
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2

Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 23
 Path is currently at nThere are no paths with negative reduced costs
 Dual variables are [5.067375886524822, 2.76595744680851, 9.0, 4.606382978723405,
 2.26241134751773, 4.8546099290780145, 3.567375886524823, 4.51063829787234,
 -2.4893617021276606, -1.7234042553191502, -0.0]
 ode 4 with load 6
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 22
 Path is currently at node 6 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 22
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 23
 Path is currently at node 4 with load 6
 Path is currently at node 5 with load 5
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 22
 Path is currently at node 6 with load 5
 Path is currently at node 5 with load 5
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 22
 Path is currently at node 2 with load 8
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 21
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 20
 Path is currently at node 4 with load 6
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 19
 Path is currently at node 5 with load 5

Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 19
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 19
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 22
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 5 with load 5
Path is currently at node 9 with load 5
PRICER_C: Found path with load 23
Path is currently at node 4 with load 6
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
PRICER_C: Found path with load 22
Path is currently at node 5 with load 5
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
PRICER_C: Found path with load 22
Path is currently at node 6 with load 5
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
PRICER_C: Found path with load 19
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
PRICER_C: Found path with load 20
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
PRICER_C: Found path with load 20
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5

PRICER_C: Found path with load 19
Path is currently at node 6 with load 5
Path is currently at node 5 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
PRICER_C: Found path with load 21
Path is currently at node 3 with load 7
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
PRICER_C: Found path with load 20
Path is currently at node 4 with load 6
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
PRICER_C: Found path with load 19
Path is currently at node 5 with load 5
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
PRICER_C: Found path with load 19
Path is currently at node 6 with load 5
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
PRICER_C: Found path with load 16
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
PRICER_C: Found path with load 22
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 21
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 19
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 19
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2

Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 20
 Path is currently at node 10 with load 6
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 28
 Path is currently at node 4 with load 6
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 27
 Path is currently at node 5 with load 5
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 P[0 6 4 6 4 6 11 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]
 Labelling found path (0, 6, 4, 6, 4, 6, 11) with negative reduced cost
 Path already in variables with reduced cost -6.776595744680854 with farkas
 False.
 Dual variables are [-9.0, -13.0, -3.0, -3.0, 3.0, -1.0, 17.0, -9.0, -11.0, -9.0,
 -0.0]ath is currently at node 7 with load 2
 PRICER_C: Found path with load 27
 Path is currently at node 6 with load 5
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 24
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 25
 Path is currently at node 4 with load 6
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 24
 Path is currently at node 5 with load 5
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5

Path is currently at node 7 with load 2
 PRICER_C: Found path with
 There are no paths with negative reduced costs
 Dual variables are [4.637254901960786, 3.823529411764705, 9.0,
 5.029411764705882, 1.9803921568627454, 4.6078431372549025, 2.3725490196078436,
 5.352941176470588, -3.4411764705882346, -1.6176470588235299, -0.0]
 load 24
 Path is currently at node 6 with load 5
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 21
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 30
 Path is currently at node 2 with load 8
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 5 with load 5
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 29
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 5 with load 5
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 27
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 5 with load 5
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 27
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 5 with load 5
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 28
 Path is currently at node 10 with load 6
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 5 with load 5
 Path is currently at node 9 with load 5

PRICER_C: Found path with load 30
Path is currently at node 2 with load 8
Path is currently at node 5 with load 5
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
PRICER_C: Found path with load 28
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
PRICER_C: Found path with load 27
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
PRICER_C: Found path with load 26
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
PRICER_C: Found path with load 25
Path is currently at node 4 with load 6
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
PRICER_C: Found path with load 24
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
PRICER_C: Found path with load 24
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
PRICER_C: Found path with load 24
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5


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PRICER_C: Found path with load 25
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
PRICER_C: Found path with load 25
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
PRICER_C: Found path with load 24
Path is cur[ 0  2  5  4  6 10 11  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
0
    0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0]rently at node 6 with load 5
Path is currently at node 5 with load 5
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
PRICER_C: Found path with load 24
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
PRICER_C: Found path with load 23
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
PRICER_C: Found path with load 22
Path is currently at node 4 with load 6
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
PRICER_C: Found path with load 21
Path is currently at node 5 with load 5
Path is currently at node 7 with lo
Labelling found path (0, 2, 5, 4, 6, 10, 11) with negative reduced cost
Added (0, 2, 5, 4, 6, 10, 11) with path weight 10
There are 1 occurences of node 2
There are 1 occurences of node 4
There are 1 occurences of node 5
There are 1 occurences of node 6
There are 1 occurences of node 10

```

Dual variables are [4.637254901960786, 3.823529411764705, 9.0,
5.029411764705882, 1.9803921568627454, 4.6078431372549025, 2.3725490196078436,
5.352941176470588, -3.4411764705882346, -5.441176470588235, -0.0]

ad 2

Path is currently at node 9 with load 5

Path is currently at node 7 with load 2

Path is currently at node 9 with load 5

PRICER_C: Found path with load 21

Path is currently at node 6 with load 5

Path is currently at node 7 with load 2

Path is currently at node 9 with load 5

Path is currently at node 7 with load 2

Path is currently at node 9 with load 5

PRICER_C: Found path with load 21

Path is currently at node 8 with load 5

Path is currently at node 7 with load 2

Path is currently at node 9 with load 5

Path is currently at node 7 with load 2

Path is currently at node 9 with load 5

PRICER_C: Found path with load 21

Path is currently at node 9 with load 5

Path is currently at node 7 with load 2

Path is currently at node 9 with load 5

Path is currently at node 7 with load 2

Path is currently at node 9 with load 5

PRICER_C: Found path with load 22

Path is currently at node 10 with load 6

Path is currently at node 7 with load 2

Path is currently at node 9 with load 5

Path is currently at node 7 with load 2

Path is currently at node 9 with load 5

PRICER_C: Found path with load 24

Path is currently at node 5 with load 5

Path is currently at node 9 with load 5

Path is currently at node 7 with load 2

Path is currently at node 9 with load 5

Path is currently at node 7 with load 2

PRICER_C: Found path with load 21

Path is currently at node 7 with load 2

Path is currently at node 9 with load 5

Path is currently at node 7 with load 2

Path is currently at node 9 with load 5

Path is currently at node 7 with load 2

PRICER_C: Found path with load 30

Path is currently at node 4 with load 6

Path is currently at node 7 with load 2

Path is currently at node 9 with load 5

Path is currently at node 7 with load 2

Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 29
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 29
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 29
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 30
Path is currently at node 10 with load 6
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 30
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 29
Path is currently at node 6 with load 5
Path is currently at node 5 with load 5
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 29
Path is currently at node 2 with load 8
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5

```

Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 28
Path is currently at node 3 with load 7
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 27
Path is currently at node 4 with load 6
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 26
Path is currently at node 5 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 26
Path is currently at node 6 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 26
Path is currently at node 8 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7[ 0  2  5  4  6 10 11  0  0  0  0  0  0  0  0  0  0
0  0  0  0  0  0  0  0
  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0]
Labelling found path (0, 2, 5, 4, 6, 10, 11) with negative reduced cost
Path already in variables with reduced cost -0.0 with farkas False.
Farkas Values are [0.0, 0.0, 0.0, -0.5, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0]
with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
PRICER_C: Found path with load 26
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5

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Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 27
 Path is currently at node 10 with load 6
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 29
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 5 with load 5
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 30
 Path is currently at node 4 with load 6
 Path is cuThere are no paths with negative reduced costs
 Dual variables are [-3.018691588785048, 7.710280373831775, 2.065420560747663,
 6.584112149532708, 0.9439252336448611, 3.7009345794392523, -4.364485981308411,
 10.794392523364486, -6.939252336448598, -8.939252336448597, -0.0]
 rrently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 29
 Path is currently at node 5 with load 5
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 29
 Path is currently at node 6 with load 5
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 26
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2

Path is currently at node 9 with load 5
PRICER_C: Found path with load 27
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
PRICER_C: Found path with load 27
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
PRICER_C: Found path with load 26
Path is currently at node 6 with load 5
Path is currently at node 5 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
PRICER_C: Found path with load 28
Path is currently at node 3 with load 7
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
PRICER_C: Found path with load 27
Path is currently at node 4 with load 6
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
PRICER_C: Found path with load 26
Path is currently at node 5 with load 5
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5
PRICER_C: Found path with load 26
Path is currently at node 6 with load 5
Path is currently at node 9 with load 5
Path is currently at node 7 with load 2
Path is currently at node 9 with load 5

Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 23
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 26
 Path is currently at node 8 with load 5
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 27
 Path is currently at node 10 with load 6
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 29
 Path is currently at node 2 with load 8
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is curre[0 2 5 4 6 4 11 0 0 0 0 0 0 0 0 0 0 0 0 0
 0 0
 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]ntly at node 7 with load 2
 PRICER_C: Found path with load 28
 Path is currently at node 3 with load 7
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 26
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 26
 Path is currently at node 9 with load 5

Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 27
 Path is currently at node 10 with load 6
 Path is currently at node 7 with load 2
 Path is currently at node 9 with loa
 Labelling found path (0, 2, 5, 4, 6, 4, 11) with negative reduced cost
 Path already in variables with reduced cost -7.523364485981304 with farkas
 False.
 {(0, 1, 11): t_x1, (0, 2, 11): t_x2, (0, 3, 11): t_x3, (0, 4, 11): t_x4, (0, 5,
 11): t_x5, (0, 6, 11): t_x6, (0, 7, 11): t_x7, (0, 8, 11): t_x8, (0, 9, 11):
 t_x9, (0, 10, 11): t_x10, (0, 1, 4, 5, 6, 11): x11, (0, 1, 4, 5, 4, 11): x12,
 (0, 2, 10, 7, 9, 11): x13, (0, 7, 8, 7, 4, 11): x14, (0, 2, 7, 5, 6, 11): x15,
 (0, 8, 7, 9, 6, 5, 9, 6, 11): x16, (0, 1, 7, 8, 6, 11): x17, (0, 5, 7, 8, 3,
 11): x18, (0, 8, 7, 8, 7, 9, 4, 8, 7, 9, 11): x19, (0, 3, 10, 8, 7, 11): x20,
 (0, 8, 1, 8, 7, 8, 7, 11): x21, (0, 5, 4, 5, 4, 10, 11): x22, (0, 6, 4, 6, 4, 8,
 7, 11): x23, (0, 2, 8, 9, 4, 6, 11): x24, (0, 8, 10, 8, 10, 8, 7, 11): x25, (0,
 9, 5, 9, 5, 9, 5, 11): x26, (0, 2, 5, 1, 8, 7, 11): x27, (0, 3, 10, 1, 9, 7,
 11): x28, (0, 6, 10, 6, 9, 11): x29, (0, 6, 10, 3, 10, 8, 11): x30, (0, 9, 7, 9,
 7, 9, 7, 9, 7, 11): x31, (0, 2, 7, 9, 7, 9, 7, 9, 11): x32, (0, 9, 1, 9, 1, 11):
 x33, (0, 2, 5, 4, 6, 4, 11): x34, (0, 8, 1, 8, 7, 8, 11): x35, (0, 2, 5, 4, 5,
 9, 11): x36, (0, 3, 10, 3, 10, 11): x37, (0, 6, 4, 6, 4, 6, 11): x38, (0, 2, 7,
 2, 7, 11): x39, (0, 2, 7, 2, 5, 11): x40, (0, 2, 3, 10, 3, 7, 11): x41, (0, 2,
 10, 4, 6, 11): x42, (0, 3, 10, 4, 6, 11): x43, (0, 9, 1, 9, 7, 11): x44, (0, 2,
 9, 1, 9, 7, 11): x45, (0, 2, 1, 8, 9, 7, 11): x46, (0, 2, 8, 1, 8, 7, 11): x47,
 (0, 2, 5, 9, 6, 11): x48, (0, 2, 3, 2, 9, 7, 11): x49, (0, 5, 9, 1, 8, 11): x50,
 (0, 1, 7, 1, 7, 10, 11): x51, (0, 1, 7, 1, 7, 9, 11): x52, (0, 2, 7, 2, 7, 2,
 11): x53, (0, 2, 7, 8, 7, 9, 11): x54, (0, 2, 7, 2, 7, 9, 11): x55, (0, 2, 7, 1,
 7, 9, 11): x56, (0, 2, 7, 1, 7, 2, 11): x57, (0, 2, 7, 8, 1, 9, 11): x58, (0, 2,
 7, 8, 7, 8, 7, 9, 11): x59, (0, 2, 7, 8, 7, 8, 7, 8, 11): x60, (0, 3, 10, 3, 10,
 7, 11): x61, (0, 2, 7, 2, 7, 2, 7, 11): x62, (0, 2, 5, 4, 5, 4, 11): x63, (0, 7,
 4, 7, 4, 7, 4, 7, 11): x64, (0, 7, 6, 7, 10, 7, 10, 7, 9, 11): x65, (0, 7, 3, 7,
 6, 7, 5, 11): x66, (0, 7, 6, 7, 10, 7, 10, 7, 8, 11): x67, (0, 7, 3, 7, 6, 7, 6,
 7, 11, 3, 7, 6, 7, 9, 11): x68, (0, 7, 6, 7, 6, 7, 6, 7, 6, 7, 11): x69, (0, 7,
 2, 7, 2, 7, 10, 7, 11): x70, (0, 7, 2, 7, 2, 7, 8, 7, 11): x71, (0, 7, 2, 7, 9,
 7, 2, 7, 11): x72, (0, 7, 3, 7, 3, 7, 3, 7, 11): x73, (0, 7, 2, 7, 5, 7, 2, 7,
 11): x74, (0, 7, 2, 7, 2, 7, 6, 11): x75, (0, 5, 1, 5, 2, 7, 11): x76, (0, 5, 4,
 5, 4, 6, 11): x77, (0, 9, 1, 9, 6, 11): x78, (0, 9, 8, 9, 8, 9, 8, 11): x79, (0,
 2, 10, 8, 10, 8, 11): x80, (0, 2, 5, 9, 8, 11): x81, (0, 2, 10, 9, 6, 11): x82,
 (0, 2, 10, 3, 10, 11): x83, (0, 2, 9, 4, 9, 4, 11): x84, (0, 2, 4, 9, 4, 9, 11):
 x85, (0, 2, 8, 9, 6, 9, 11): x86, (0, 2, 3, 2, 7, 9, 11): x87, (0, 3, 10, 3, 8,
 9, 11): x88, (0, 3, 10, 8, 7, 8, 11): x89, (0, 5, 1, 3, 10, 11): x90, (0, 6, 4,
 6, 9, 7, 8, 11): x91, (0, 6, 4, 6, 4, 6, 7, 11): x92, (0, 6, 4, 6, 4, 9, 11):
 x93, (0, 2, 5, 4, 6, 9, 11): x94, (0, 2, 7, 9, 4, 6, 11): x95, (0, 5, 2, 5, 6,
 10, 11): x96, (0, 2, 5, 6, 5, 9, 11): x97, (0, 2, 5, 6, 5, 6, 11): x98, (0, 2,

3, 2, 8, 7, 11): x99, (0, 2, 5, 4, 6, 11): x100, (0, 2, 3, 8, 6, 9, 11): x101,
 (0, 2, 8, 2, 8, 7, 11): x102, (0, 2, 8, 6, 9, 11): x103, (0, 2, 8, 6, 8, 11):
 x104, (0, 2, 5, 6, 4, 6, 11): x105, (0, 2, 3, 8, 9, 6, 11): x106, (0, 2, 3, 8,
 7, 8, 11): x107, (0, 8, 7, 8, 7, 8, 7, 8, 11): x108, (0, 6, 4, 5, 4, 8, 11):
 x109, (0, 8, 10, 8, 10, 8, 11): x110, (0, 2, 5, 4, 6, 8, 11): x111, (0, 6, 9, 6,
 9, 6, 9, 11): x112, (0, 6, 5, 6, 5, 6, 9, 11): x113, (0, 8, 9, 6, 5, 6, 9, 11):
 x114, (0, 8, 4, 6, 4, 9, 11): x115, (0, 2, 8, 9, 8, 9, 11): x116, (0, 8, 4, 8,
 4, 9, 11): x117, (0, 1, 10, 4, 10, 7, 11): x118, (0, 9, 1, 10, 9, 11): x119, (0,
 3, 10, 1, 9, 11): x120, (0, 7, 9, 7, 9, 7, 9, 7, 9, 7, 11): x121, (0, 7, 9, 7,
 9, 7, 9, 7, 9, 11): x122, (0, 1, 8, 7, 9, 7, 9, 11): x123, (0, 5, 4, 5, 4, 5,
 11): x124, (0, 5, 10, 3, 10, 6, 11): x125, (0, 5, 1, 8, 7, 9, 11): x126, (0, 3,
 1, 8, 7, 9, 11): x127, (0, 1, 8, 7, 8, 7, 9, 11): x128, (0, 5, 1, 8, 7, 8, 11):
 x129, (0, 3, 10, 8, 7, 9, 11): x130, (0, 8, 1, 8, 10, 11): x131, (0, 3, 1, 8, 7,
 11): x132, (0, 3, 10, 7, 9, 7, 9, 11): x133, (0, 7, 5, 7, 10, 7, 10, 7, 9, 11):
 x134, (0, 7, 8, 7, 8, 7, 8, 7, 8, 7, 11): x135, (0, 4, 5, 4, 7, 8, 11): x136,
 (0, 4, 3, 4, 7, 8, 11): x137, (0, 4, 10, 4, 9, 7, 9, 11): x138, (0, 4, 6, 4, 6,
 4, 7, 11): x139, (0, 4, 1, 8, 7, 8, 7, 11): x140, (0, 3, 10, 7, 8, 7, 9, 11):
 x141, (0, 8, 7, 8, 7, 8, 7, 8, 7, 11): x142, (0, 10, 8, 1, 9, 11): x143, (0, 8,
 1, 8, 7, 9, 11): x144, (0, 10, 3, 10, 7, 9, 11): x145, (0, 10, 3, 10, 8, 11):
 x146, (0, 10, 3, 10, 3, 11): x147, (0, 1, 9, 7, 9, 7, 9, 11): x148, (0, 6, 4, 1,
 9, 11): x149, (0, 5, 4, 1, 8, 11): x150, (0, 1, 10, 3, 10, 11): x151, (0, 1, 8,
 7, 8, 7, 10, 11): x152, (0, 7, 4, 5, 4, 7, 9, 11): x153, (0, 7, 4, 5, 4, 5, 4,
 11): x154, (0, 4, 5, 4, 5, 4, 7, 11): x155, (0, 3, 10, 3, 7, 8, 7, 11): x156,
 (0, 3, 7, 3, 7, 8, 7, 9, 11): x157, (0, 3, 7, 3, 7, 3, 7, 11): x158, (0, 2, 7,
 9, 7, 3, 10, 11): x159, (0, 2, 7, 3, 7, 3, 7, 11): x160, (0, 3, 10, 3, 7, 9, 7,
 11): x161, (0, 3, 7, 3, 7, 9, 7, 9, 11): x162, (0, 3, 7, 1, 7, 3, 7, 11): x163,
 (0, 9, 1, 8, 10, 11): x164, (0, 3, 10, 4, 10, 6, 11): x165, (0, 10, 6, 10, 7,
 10, 8, 11): x166, (0, 10, 8, 10, 4, 5, 11): x167, (0, 10, 4, 10, 8, 10, 11):
 x168, (0, 10, 6, 10, 7, 10, 7, 11): x169, (0, 10, 6, 10, 7, 10, 6, 11): x170,
 (0, 10, 9, 10, 9, 10, 11): x171, (0, 10, 4, 10, 7, 10, 7, 11): x172, (0, 9, 4,
 9, 7, 9, 7, 9, 11): x173, (0, 9, 7, 9, 7, 9, 7, 9, 11): x174, (0, 9, 5, 9, 5, 9,
 6, 11): x175, (0, 9, 10, 9, 5, 9, 11): x176, (0, 9, 10, 8, 10, 9, 11): x177, (0,
 9, 10, 9, 10, 9, 11): x178, (0, 10, 6, 10, 6, 10, 11): x179, (0, 10, 4, 10, 4,
 10, 11): x180, (0, 10, 3, 10, 6, 10, 11): x181, (0, 9, 7, 9, 7, 9, 10, 11):
 x182, (0, 9, 1, 9, 7, 9, 11): x183, (0, 9, 7, 9, 10, 6, 10, 11): x184, (0, 9, 7,
 9, 10, 8, 10, 11): x185, (0, 9, 7, 9, 10, 4, 10, 11): x186, (0, 9, 1, 9, 5, 9,
 11): x187, (0, 2, 10, 6, 10, 9, 11): x188, (0, 9, 1, 9, 10, 11): x189, (0, 10,
 3, 10, 8, 10, 11): x190, (0, 10, 3, 10, 9, 10, 11): x191, (0, 8, 1, 8, 1, 11):
 x192, (0, 1, 8, 7, 10, 7, 9, 11): x193, (0, 9, 7, 8, 10, 8, 10, 11): x194, (0,
 1, 8, 7, 9, 7, 10, 11): x195, (0, 7, 5, 7, 5, 7, 5, 7, 5, 7, 11): x196, (0, 7,
 1, 7, 10, 7, 10, 7, 11): x197, (0, 7, 1, 7, 1, 7, 11): x198, (0, 8, 7, 8, 1, 8,
 11): x199, (0, 1, 8, 10, 7, 10, 11): x200, (0, 3, 1, 9, 7, 9, 11): x201, (0, 3,
 9, 3, 10, 11): x202, (0, 9, 1, 3, 10, 11): x203, (0, 3, 4, 1, 8, 7, 11): x204,
 (0, 3, 7, 8, 1, 6, 11): x205, (0, 3, 7, 8, 7, 8, 7, 8, 7, 11): x206, (0, 4, 5,
 4, 9, 7, 8, 11): x207, (0, 4, 6, 4, 9, 7, 8, 11): x208, (0, 3, 7, 8, 7, 8, 7, 9,
 11): x209, (0, 8, 1, 3, 10, 11): x210, (0, 8, 1, 8, 7, 11): x211, (0, 6, 4, 6,
 10, 3, 11): x212, (0, 5, 1, 8, 1, 11): x213, (0, 6, 4, 6, 4, 7, 8, 11): x214,
 (0, 6, 10, 3, 1, 7, 11): x215, (0, 6, 4, 6, 4, 10, 11): x216, (0, 6, 5, 6, 5, 6,

5, 11): x217, (0, 5, 10, 3, 10, 9, 11): x218, (0, 6, 10, 3, 10, 6, 11): x219,
 (0, 6, 4, 5, 4, 6, 11): x220, (0, 6, 10, 3, 10, 7, 11): x221, (0, 5, 4, 5, 4, 7,
 10, 11): x222, (0, 5, 4, 5, 4, 7, 9, 11): x223, (0, 5, 4, 5, 9, 7, 8, 11): x224,
 (0, 7, 5, 4, 5, 7, 9, 11): x225, (0, 7, 4, 5, 4, 6, 11): x226, (0, 3, 10, 6, 4,
 5, 11): x227, (0, 2, 5, 4, 6, 10, 11): x228}

d 5

Path is currently at node 7 with load 2

Path is currently at node 9 with load 5

Path is currently at node 7 with load 2

PRICER_C: Found path with load 28

Path is currently at node 7 with load 2

Path is currently at node 9 with load 5

Path is currently at node 7 with load 2

Path is currently at node 9 with load 5

Path is currently at node 7 with load 2

Path is currently at node 9 with load 5

Path is currently at node 7 with load 2

PRICER_C: Found path with load 30

Path is currently at node 3 with load 7

Path is currently at node 7 with load 2

Path is currently at node 9 with load 5

Path is currently at node 7 with load 2

Path is currently at node 9 with load 5

Path is currently at node 7 with load 2

Path is currently at node 9 with load 5

PRICER_C: Found path with load 29

Path is currently at node 4 with load 6

Path is currently at node 7 with load 2

Path is currently at node 9 with load 5

Path is currently at node 7 with load 2

Path is currently at node 9 with load 5

Path is currently at node 7 with load 2

Path is currently at node 9 with load 5

PRICER_C: Found path with load 28

Path is currently at node 5 with load 5

Path is currently at node 7 with load 2

Path is currently at node 9 with load 5

Path is currently at node 7 with load 2

Path is currently at node 9 with load 5

Path is currently at node 7 with load 2

Path is currently at node 9 with load 5

PRICER_C: Found path with load 28

Path is currently at node 6 with load 5

Path is currently at node 7 with load 2

Path is currently at node 9 with load 5

Path is currently at node 7 with load 2

Path is currently at node 9 with load 5

Path is currently at node 7 with load 2

Path is currently at node 9 with load 5
 PRICER_C: Found path with load 28
 Path is currently at node 8 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 28
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 29
 Path is currently at node 10 with load 6
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 PRICER_C: Found path with load 28
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 PRICER_C: Found path with load 30
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 Path is currently at node 7 with load 2
 Path is currently at node 9 with load 5
 PRICER_C: Capacity is 30
 PRICER_C: Found path with load 17
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 15
 Path is currently at node 3 with load 7
 PRICER_C: Found path with load 27

Path is currently at node 1 with load 10
Path is currently at node 3 with load 7
PRICER_C: Found path with load 23
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 23
Path is currently at node 3 with load 7
Path is currently at node 10 with load 6
PRICER_C: Found path with load 25
Path is currently at node 3 with load 7
Path is currently at node 1 with load 10
PRICER_C: Found path with load 23
Path is currently at node 6 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 23
Path is currently at node 8 with load 5
Path is currently at node 1 with load 10
PRICER_C: Found path with load 25
Path is currently at node 1 with load 10
Path is currently at node 3 with load 7
PRICER_C: Found path with load 21
Path is currently at node 10 with load 6
Path is currently at node 3 with load 7
PRICER_C: Found path with load 21
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 PRICER_C: Found path with load 13
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 PRICER_C: Found path with load 13
 Path is currently at node 6 with load 5
 PRICER_C: Found path with load 13

Path is currently at node 8 with load 5
PRICER_C: Found path with load 22
Path is currently at node 2 with load 8
Path is currently at node 4 with load 6
PRICER_C: Found path with load 19
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 19
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 19
Path is currently at node 8 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 21
Path is currently at node 2 with load 8
Path is currently at node 5 with load 5
PRICER_C: Found path with load 19
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
PRICER_C: Found path with load 18
Path is currently at node 6 with load 5
Path is currently at node 5 with load 5
PRICER_C: Found path with load 16
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 30
Path is currently at node 3 with load 7
Path is currently at node 2 with load 8
Path is currently at node 3 with load 7
PRICER_C: Found path with load 28
Path is currently at node 5 with load 5
Path is currently at node 2 with load 8
Path is currently at node 3 with load 7
PRICER_C: Found path with load 28
Path is currently at node 8 with load 5
Path is currently at node 2 with load 8
Path is currently at node 3 with load 7
PRICER_C: Found path with load 29
Path is currently at node 3 with load 7
Path is currently at node 2 with load 8
Path is currently at node 4 with load 6
PRICER_C: Found path with load 27
Path is currently at node 5 with load 5
Path is currently at node 2 with load 8
Path is currently at node 4 with load 6
PRICER_C: Found path with load 27
Path is currently at node 8 with load 5
Path is currently at node 2 with load 8

Path is currently at node 4 with load 6
PRICER_C: Found path with load 27
Path is currently at node 2 with load 8
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 25
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 25
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 28
Path is currently at node 3 with load 7
Path is currently at node 2 with load 8
Path is currently at node 5 with load 5
PRICER_C: Found path with load 27
Path is currently at node 4 with load 6
Path is currently at node 2 with load 8
Path is currently at node 5 with load 5
PRICER_C: Found path with load 26
Path is currently at node 5 with load 5
Path is currently at node 2 with load 8
Path is currently at node 5 with load 5
PRICER_C: Found path with load 26
Path is currently at node 6 with load 5
Path is currently at node 2 with load 8
Path is currently at node 5 with load 5
PRICER_C: Found path with load 26
Path is currently at node 8 with load 5
Path is currently at node 2 with load 8
Path is currently at node 5 with load 5
PRICER_C: Found path with load 26
Path is currently at node 3 with load 7
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
PRICER_C: Found path with load 24
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
PRICER_C: Found path with load 24
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
PRICER_C: Found path with load 24
Path is currently at node 8 with load 5
Path is currently at node 4 with load 6

```

Path is currently at node 5 with load 5
PRICER_C: Found path with load 30
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 30
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 30
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 30
Path is currently at node 8 with load 5
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
PRICER_C: Found path with load 30
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
PRICER_C: Found path with load 30
Path is currently at node 4 with load 6
Path is currently at node 6 with load 5
Path is currently at node 4 with load 6
Path is currently at node 5 with load 5
objective value: 33
x127 1 (obj:23)
x228 1 (obj:10)

```

1.1 Old Labelling

```

[ ]: def simple_labeling(self,dual,farkas=False):
      for path in nx.all_simple_paths(self.model.graph,0,list(G.nodes())[-1]):
          if tuple(path) not in self.data['vars'].keys():
              if farkas:
                  weight = 0
              else:
                  weight = nx.path_weight(self.model.graph,path,"weight")
              load = 0

          for node in path[1:-1]:

```

```

        weight -= dual[node-1]
        load += self.model.graph.nodes()[node]['demand']
        if weight < 0 and load <= self.data['capacity']:
            var = self.model.addVar(vtype="B",obj=nx.path_weight(self.
↪model.graph,path,"weight"),pricedVar=True)
            for node in path[1:-1]:
                self.model.addConsCoeff(self.data['cons'][node-1], var,
↪,1)

            self.model.addConsCoeff(self.data['cons'][-1], var, 1)
            self.data['vars'][tuple(path)] = var
#         print(f"Found path {path} with negative reduced cost")
            return {'result':SCIP_RESULT.SUCCESS}
    return {'result':SCIP_RESULT.SUCCESS}

```