CN LAB Program - 2   Distance Vector Algo

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class Routing_Table:
    def __init__(self):
        self.cost = cost

        self.tbl = {'Dest' : [current], 'Cost':[.], 'Next':[current]}

        self.neig = []

    def add_direct_connection(self, p, cost):

        self.table['Dest'].append(p)
        self.table['Cost'].append(cost)
        self.table['Next'].append(p)

        self.neig.append(p)

```python
def resolve_msg(self, dst, dj, cost, sender):
    flag = 0

    index_of_sender = self.table['post'].index(sender)
    cost_of_sender = self.table['cost'][index_of_sender]

    for d, c in zip(dst, cost):
        if d not in self.table['post']:
            self.table['post'].append(d)
            flag = 1

        elif cost_of_sender + c < self.table['cost'][self.table['post'].index(d)]:
            self.table['cost'][dst.index] = cost_of_sender + c
            flag = 1

    if flag == 1:
        return self.orig, [self.table['post'], self.table['cost'].values]

    return [], []
```