

Rating for #baseModel_ID0976141

File: D:\Users\Jelle Schukken\Documents\Tue\Year 3\Q1\Buisness Info Systems\ -2IIC0-Assignment\#baseModel_ID0976141.cpn

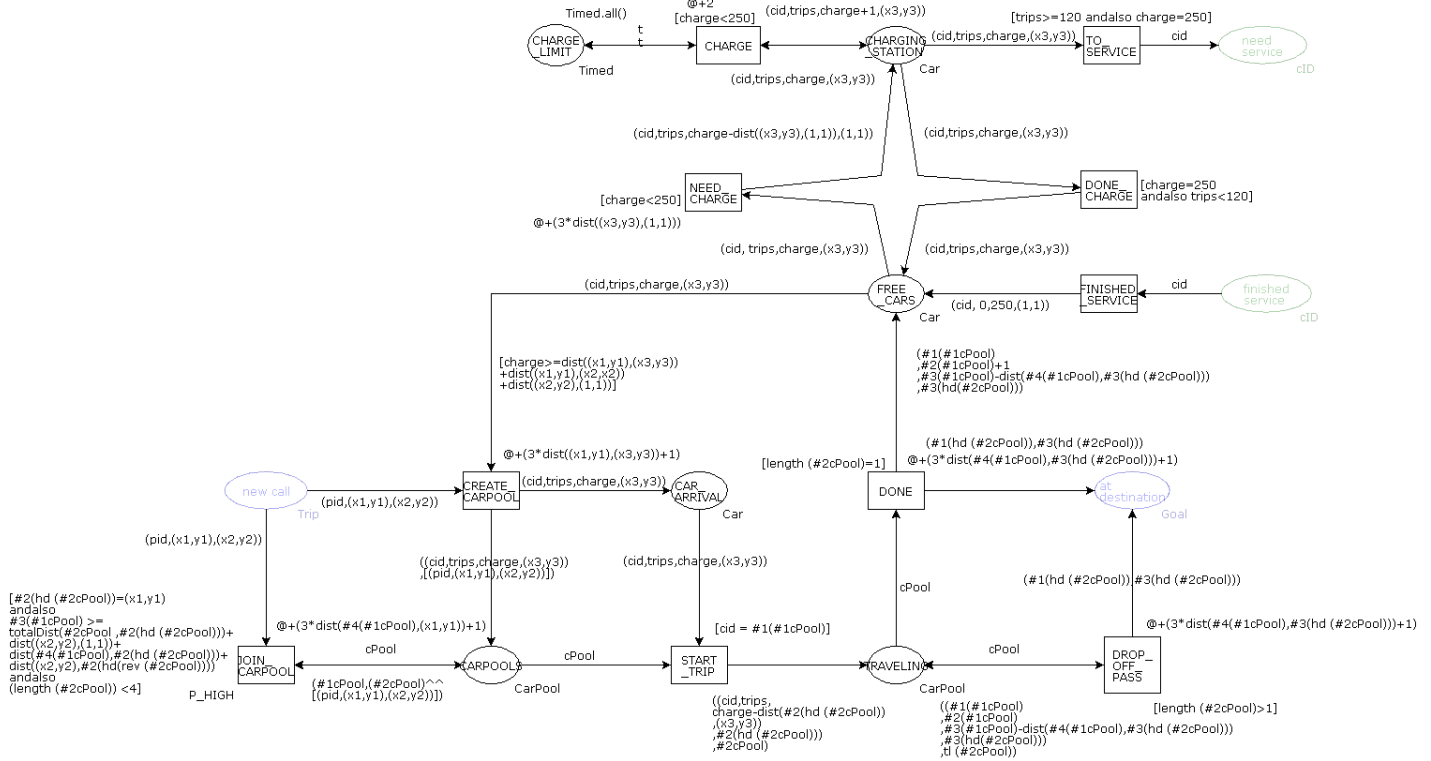
Points: 3.00 = 3.00 + 0.00

Point range	Points	Reason	Grader
-9.00 - 0.00	0.00	Declarations were preserved and new ones were added (that is ok).	DeclarationSubset
-9.00 - 0.00	0.00	The interface has not been modified incorrectly.	InterfacePreservation
0.00 - 1.00	1.00	RQ0.1 10 Passengers was executed successfully 4 times	BTLGrader
0.00 - 1.00	0.00	RQ0.2 Cars operate in parallel failed every time.	BTLGrader
0.00 - 1.00	0.00	RQ1.1 Car service after 120 trips (Task 1) failed every time.	BTLGrader
0.00 - 1.00	0.00	RQ2.1 Car recharging (Task 2) failed every time.	BTLGrader
0.00 - 1.00	1.00	RQ2.2 Car recharging in parallel (Task 2) was executed successfully 4 times	BTLGrader
0.00 - 1.00	0.00	RQ2.3 Car service after 120 trips (Task 2) failed every time.	BTLGrader
0.00 - 1.00	0.00	RQ3.1 Ride batching (Task 3) failed every time.	BTLGrader
0.00 - 1.00	0.00	RQ3.2 Car service after 120 trips (Task 3) failed every time.	BTLGrader
0.00 - 1.00	1.00	RQ3.3 Car recharging (Task 3) was executed successfully 4 times	BTLGrader

Added declarations - DeclarationSubset

- var trips: INT;
- colset Car = cID * INT * INT * Loc timed;
- colset Timed = int with 1..3 timed;
- var tList: TripList;
- colset CarPool = Car * TripList;
- colset TripList = list Trip;
- fun totalDist(nil,_) = 0 |
totalDist(((trip1:Trip)::tList),s) = dist(s,#3trip1)+
totalDist(tList,s) ;
- colset BusyCar = pID * Car;
- colset ENABLING_CONTROL = unit;
- var t: Timed;
- var trip1: Trip;
- colset CarPoolList = list CarPool;
- var charge: INT;
- var x1, x2, x3, y1, y2, y3: Coord;
- var cPid: pID;
- var cPool: CarPool;

Page RideShare legally modified - InterfacePreservation



No Allowed Transtions for RQ0.2 Cars operate in parallel - BTLGrader

- Enabled Transitions:
System.passengers.new_passenger
- Executed Trace:

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0.0 System.garage.end_service{ cid = 4 }
0.0 System.RideShare.FINISHED__SERVICE{ cid = 4 }
0.0 System.garage.end_service{ cid = 2 }
0.0 System.RideShare.CREATE__CARPOOL{ charge = 250, cid = 4, pid = 2, trips = 0, x1 = 1, x2 = 4, x3 = 1, y1 = 3, y2 = 3, y3 = 1 }
0.0 System.garage.end_service{ cid = 1 }
0.0 System.garage.end_service{ cid = 5 }
0.0 System.RideShare.FINISHED__SERVICE{ cid = 1 }
0.0 System.RideShare.FINISHED__SERVICE{ cid = 2 }
0.0 System.garage.end_service{ cid = 3 }
0.0 System.RideShare.FINISHED__SERVICE{ cid = 3 }
0.0 System.RideShare.FINISHED__SERVICE{ cid = 5 }
0.0 System.RideShare.CREATE__CARPOOL{ charge = 250, cid = 3, pid = 3, trips = 0, x1 = 1, x2 = 4, x3 = 1, y1 = 4, y2 = 4, y3 = 1 }
0.0 System.RideShare.CREATE__CARPOOL{ charge = 250, cid = 2, pid = 4, trips = 0, x1 = 2, x2 = 2, x3 = 1, y1 = 1, y2 = 4, y3 = 1 }
0.0 System.RideShare.CREATE__CARPOOL{ charge = 250, cid = 1, pid = 1, trips = 0, x1 = 1, x2 = 4, x3 = 1, y1 = 2, y2 = 2, y3 = 1 }
0.0 System.RideShare.CREATE__CARPOOL{ charge = 250, cid = 5, pid = 5, trips = 0, x1 = 3, x2 = 3, x3 = 1, y1 = 1, y2 = 4, y3 = 1 }
4.0 System.RideShare.START__TRIP{ cPool = ((1,0,250,(1,1)),[(1,(1,2),(4,2))]), charge = 250, cid = 1, trips = 0, x3 = 1, y3 = 1 }
4.0 System.RideShare.START__TRIP{ cPool = ((2,0,250,(1,1)),[(4,(2,1),(2,4))]), charge = 250, cid = 2, trips = 0, x3 = 1, y3 = 1 }
4.0 System.RideShare.DONE{ cPool = ((1,0,249,(1,2)),[(1,(1,2),(4,2))]) }

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4.0 System.RideShare.DONE{ cPool = ((2,0,249,(2,1)),[(4,(2,1),(2,4))]) }
7.0 System.RideShare.START__TRIP{ cPool = ((5,0,250,(1,1)),[(5,(3,1),(3,4))]), charge = 250, cid = 5, trips = 0, x3 = 1, y3 = 1 }
7.0 System.RideShare.DONE{ cPool = ((5,0,248,(3,1)),[(5,(3,1),(3,4))]) }
7.0 System.RideShare.START__TRIP{ cPool = ((4,0,250,(1,1)),[(2,(1,3),(4,3))]), charge = 250, cid = 4, trips = 0, x3 = 1, y3 = 1 }
7.0 System.RideShare.DONE{ cPool = ((4,0,248,(1,3)),[(2,(1,3),(4,3))]) }
10.0 System.RideShare.START__TRIP{ cPool = ((3,0,250,(1,1)),[(3,(1,4),(4,4))]), charge = 250, cid = 3, trips = 0, x3 = 1, y3 = 1 }
10.0 System.RideShare.DONE{ cPool = ((3,0,247,(1,4)),[(3,(1,4),(4,4))]) }
14.0 System.RideShare.NEED__CHARGE{ charge = 246, cid = 1, trips = 1, x3 = 4, y3 = 2 }
14.0 System.RideShare.NEED__CHARGE{ charge = 246, cid = 2, trips = 1, x3 = 2, y3 = 4 }
17.0 System.RideShare.NEED__CHARGE{ charge = 245, cid = 4, trips = 1, x3 = 4, y3 = 3 }
17.0 System.RideShare.NEED__CHARGE{ charge = 245, cid = 5, trips = 1, x3 = 3, y3 = 4 }
20.0 System.RideShare.NEED__CHARGE{ charge = 244, cid = 3, trips = 1, x3 = 4, y3 = 4 }
26.0 System.RideShare.CHARGE{ charge = 242, cid = 2, t = 3, trips = 1, x3 = 1, y3 = 1 }
26.0 System.RideShare.CHARGE{ charge = 242, cid = 1, t = 1, trips = 1, x3 = 1, y3 = 1 }
28.0 System.RideShare.CHARGE{ charge = 243, cid = 2, t = 1, trips = 1, x3 = 1, y3 = 1 }
28.0 System.RideShare.CHARGE{ charge = 243, cid = 1, t = 2, trips = 1, x3 = 1, y3 = 1 }
30.0 System.RideShare.CHARGE{ charge = 244, cid = 2, t = 2, trips = 1, x3 = 1, y3 = 1 }
30.0 System.RideShare.CHARGE{ charge = 244, cid = 1, t = 1, trips = 1, x3 = 1, y3 = 1 }
32.0 System.RideShare.CHARGE{ charge = 240, cid = 4, t = 3, trips = 1, x3 = 1, y3 = 1 }
32.0 System.RideShare.CHARGE{ charge = 245, cid = 2, t = 2, trips = 1, x3 = 1, y3 = 1 }
32.0 System.RideShare.CHARGE{ charge = 245, cid = 1, t = 1, trips = 1, x3 = 1, y3 = 1 }
34.0 System.RideShare.CHARGE{ charge = 240, cid = 5, t = 1, trips = 1, x3 = 1, y3 = 1 }
34.0 System.RideShare.CHARGE{ charge = 241, cid = 4, t = 2, trips = 1, x3 = 1, y3 = 1 }
34.0 System.RideShare.CHARGE{ charge = 246, cid = 1, t = 3, trips = 1, x3 = 1, y3 = 1 }
36.0 System.RideShare.CHARGE{ charge = 241, cid = 5, t = 2, trips = 1, x3 = 1, y3 = 1 }
36.0 System.RideShare.CHARGE{ charge = 242, cid = 4, t = 1, trips = 1, x3 = 1, y3 = 1 }
36.0 System.RideShare.CHARGE{ charge = 246, cid = 2, t = 3, trips = 1, x3 = 1, y3 = 1 }
38.0 System.RideShare.CHARGE{ charge = 238, cid = 3, t = 3, trips = 1, x3 = 1, y3 = 1 }
38.0 System.RideShare.CHARGE{ charge = 247, cid = 2, t = 2, trips = 1, x3 = 1, y3 = 1 }
38.0 System.RideShare.CHARGE{ charge = 243, cid = 4, t = 1, trips = 1, x3 = 1, y3 = 1 }
40.0 System.RideShare.CHARGE{ charge = 248, cid = 2, t = 3, trips = 1, x3 = 1, y3 = 1 }
40.0 System.RideShare.CHARGE{ charge = 244, cid = 4, t = 2, trips = 1, x3 = 1, y3 = 1 }
40.0 System.RideShare.CHARGE{ charge = 242, cid = 5, t = 1, trips = 1, x3 = 1, y3 = 1 }
42.0 System.RideShare.CHARGE{ charge = 247, cid = 1, t = 2, trips = 1, x3 = 1, y3 = 1 }
42.0 System.RideShare.CHARGE{ charge = 245, cid = 4, t = 1, trips = 1, x3 = 1, y3 = 1 }
42.0 System.RideShare.CHARGE{ charge = 239, cid = 3, t = 3, trips = 1, x3 = 1, y3 = 1 }
44.0 System.RideShare.CHARGE{ charge = 248, cid = 1, t = 1, trips = 1, x3 = 1, y3 = 1 }
44.0 System.RideShare.CHARGE{ charge = 249, cid = 2, t = 2, trips = 1, x3 = 1, y3 = 1 }
44.0 System.RideShare.CHARGE{ charge = 246, cid = 4, t = 3, trips = 1, x3 = 1, y3 = 1 }
46.0 System.RideShare.DONE__CHARGE{ charge = 250, cid = 2, trips = 1, x3 = 1, y3 = 1 }
46.0 System.RideShare.CHARGE{ charge = 240, cid = 3, t = 1, trips = 1, x3 = 1, y3 = 1 }
46.0 System.RideShare.CHARGE{ charge = 247, cid = 4, t = 2, trips = 1, x3 = 1, y3 = 1 }
46.0 System.RideShare.CHARGE{ charge = 243, cid = 5, t = 3, trips = 1, x3 = 1, y3 = 1 }
48.0 System.RideShare.CHARGE{ charge = 244, cid = 5, t = 2, trips = 1, x3 = 1, y3 = 1 }
48.0 System.RideShare.CHARGE{ charge = 248, cid = 4, t = 3, trips = 1, x3 = 1, y3 = 1 }
48.0 System.RideShare.CHARGE{ charge = 249, cid = 1, t = 1, trips = 1, x3 = 1, y3 = 1 }
50.0 System.RideShare.CHARGE{ charge = 249, cid = 4, t = 1, trips = 1, x3 = 1, y3 = 1 }
50.0 System.RideShare.DONE__CHARGE{ charge = 250, cid = 1, trips = 1, x3 = 1, y3 = 1 }
50.0 System.RideShare.CHARGE{ charge = 245, cid = 5, t = 2, trips = 1, x3 = 1, y3 = 1 }
50.0 System.RideShare.CHARGE{ charge = 241, cid = 3, t = 3, trips = 1, x3 = 1, y3 = 1 }
52.0 System.RideShare.CHARGE{ charge = 242, cid = 3, t = 2, trips = 1, x3 = 1, y3 = 1 }
52.0 System.RideShare.CHARGE{ charge = 246, cid = 5, t = 1, trips = 1, x3 = 1, y3 = 1 }
52.0 System.RideShare.DONE__CHARGE{ charge = 250, cid = 4, trips = 1, x3 = 1, y3 = 1 }
54.0 System.RideShare.CHARGE{ charge = 247, cid = 5, t = 2, trips = 1, x3 = 1, y3 = 1 }
54.0 System.RideShare.CHARGE{ charge = 243, cid = 3, t = 1, trips = 1, x3 = 1, y3 = 1 }
56.0 System.RideShare.CHARGE{ charge = 248, cid = 5, t = 3, trips = 1, x3 = 1, y3 = 1 }
56.0 System.RideShare.CHARGE{ charge = 244, cid = 3, t = 1, trips = 1, x3 = 1, y3 = 1 }
58.0 System.RideShare.CHARGE{ charge = 245, cid = 3, t = 3, trips = 1, x3 = 1, y3 = 1 }
58.0 System.RideShare.CHARGE{ charge = 249, cid = 5, t = 1, trips = 1, x3 = 1, y3 = 1 }
60.0 System.RideShare.DONE__CHARGE{ charge = 250, cid = 5, trips = 1, x3 = 1, y3 = 1 }
60.0 System.RideShare.CHARGE{ charge = 246, cid = 3, t = 3, trips = 1, x3 = 1, y3 = 1 }
62.0 System.RideShare.CHARGE{ charge = 247, cid = 3, t = 1, trips = 1, x3 = 1, y3 = 1 }
64.0 System.RideShare.CHARGE{ charge = 248, cid = 3, t = 2, trips = 1, x3 = 1, y3 = 1 }
66.0 System.RideShare.CHARGE{ charge = 249, cid = 3, t = 3, trips = 1, x3 = 1, y3 = 1 }
68.0 System.RideShare.DONE__CHARGE{ charge = 250, cid = 3, trips = 1, x3 = 1, y3 = 1 }

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- Initial Formula:

```

(@(!System.passengers.new_passenger)) &
(System.new_call := "1"(1,(1,2),(4,2))@0.0++1"(2,(1,3),(4,3))@0.0++1"(3,(1,4),(4,4))@0.0++1"(4,(2,1),(2,4))@0.0++1"(5,(3,1),(3,4))@0.0") &
(--> ([ time = 19 && (!System.at_destination| = 5) ]))

```

- Parsed Formula:

```

((( @ (!system.passengers.newpassenger))) & (System.new_call :=
"1"(1,(1,2),(4,2))@0.0++1"(2,(1,3),(4,3))@0.0++1"(3,(1,4),(4,4))@0.0++1"(4,(2,1),(2,4))@0.0++1"(5,(3,1),(3,4))@0.0") & (--> (((time) = (19)) &
(!system.atdestination) = (5))))

```

- Formula at error:

```

(@ (!system.passengers.newpassenger))) & (--> (((time) = (19)) & (!system.atdestination) = (5))))

```

- Marking at error:

```

System.RideShare.CHARGE__LIMIT: 1`1@64.0 +++ 1`2@66.0 +++ 1`3@68.0
System.RideShare.Enabling_Control_10: 1`()
System.RideShare.Enabling_Control_12: 1`()
System.RideShare.Enabling_Control_14: 1`()

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System.RideShare.Enabling_Control_16: 1`()
System.RideShare.Enabling_Control_18: 1`()
System.RideShare.Enabling_Control_20: 1`()
System.RideShare.Enabling_Control_22: 1`()
System.RideShare.Enabling_Control_4: 1`()
System.RideShare.Enabling_Control_6: 1`()
System.RideShare.Enabling_Control_8: 1`()
System.RideShare.FREE__CARS: 1`(1,1,250,(1,1))@50.0 +++ 1`(2,1,250,(1,1))@46.0 +++ 1`(3,1,250,(1,1))@68.0 +++ 1`(4,1,250,(1,1))@52.0 +++
1`(5,1,250,(1,1))@60.0
System.at_destination: 1`(1,(4,2))@14.0 +++ 1`(2,(4,3))@17.0 +++ 1`(3,(4,4))@20.0 +++ 1`(4,(2,4))@14.0 +++ 1`(5,(3,4))@17.0
System.garage.Enabling_Control_24: 1`()
System.garage.Enabling_Control_26: 1`()
System.passengers.Enabling_Control_2: 1`()
System.passengers.counter: 1`1@0.0

```

No Allowed Transtions for RQ1.1 Car service after 120 trips (Task 1) - BTLGrader

- Enabled Transitions:
 - System.passengers.new_passenger
- Executed Trace:


```

0.0 System.passengers.new_passenger{ d = (1,3), pid = 1, s = (3,3) }
0.0 System.garage.end_service{ cid = 1 }
0.0 System.RideShare.FINISHED__SERVICE{ cid = 1 }
0.20802141644 System.RideShare.CREATE__CARPOOL{ charge = 250, cid = 1, pid = 1, trips = 0, x1 = 3, x2 = 1, x3 = 1, y1 = 3, y2 = 3, y3 = 1 }
0.20802141644 System.passengers.new_passenger{ d = (3,3), pid = 2, s = (2,1) }
11.1846000614 System.passengers.new_passenger{ d = (3,4), pid = 3, s = (2,4) }
12.8069385083 System.passengers.new_passenger{ d = (4,4), pid = 4, s = (4,1) }
13.2080214164 System.RideShare.START__TRIP{ cPool = ((1,0,250,(1,1)),[(1,(3,3),(1,3))]), charge = 250, cid = 1, trips = 0, x3 = 1, y3 = 1 }
13.2080214164 System.RideShare.DONE{ cPool = ((1,0,246,(3,3)),[(1,(3,3),(1,3))]) }
16.3284207052 System.passengers.new_passenger{ d = (4,4), pid = 5, s = (4,1) }
20.2080214164 System.RideShare.NEED__CHARGE{ charge = 244, cid = 1, trips = 1, x3 = 1, y3 = 3 }
20.2080214164 System.passengers.end_trip{ d = (1,3), i = 2, pid = 1, s_time = "0.0" }
23.1086799349 System.passengers.new_passenger{ d = (4,4), pid = 6, s = (4,1) }
26.2080214164 System.RideShare.CHARGE{ charge = 242, cid = 1, t = 3, trips = 1, x3 = 1, y3 = 1 }
28.2080214164 System.RideShare.CHARGE{ charge = 243, cid = 1, t = 3, trips = 1, x3 = 1, y3 = 1 }
30.2080214164 System.RideShare.CHARGE{ charge = 244, cid = 1, t = 2, trips = 1, x3 = 1, y3 = 1 }
30.6158356108 System.passengers.new_passenger{ d = (2,4), pid = 7, s = (2,1) }
32.2080214164 System.RideShare.CHARGE{ charge = 245, cid = 1, t = 2, trips = 1, x3 = 1, y3 = 1 }
34.2080214164 System.RideShare.CHARGE{ charge = 246, cid = 1, t = 1, trips = 1, x3 = 1, y3 = 1 }
36.2080214164 System.RideShare.CHARGE{ charge = 247, cid = 1, t = 1, trips = 1, x3 = 1, y3 = 1 }
38.2080214164 System.RideShare.CHARGE{ charge = 248, cid = 1, t = 3, trips = 1, x3 = 1, y3 = 1 }
40.2080214164 System.RideShare.CHARGE{ charge = 249, cid = 1, t = 2, trips = 1, x3 = 1, y3 = 1 }
41.3233332985 System.passengers.new_passenger{ d = (1,3), pid = 8, s = (2,1) }
42.2080214164 System.RideShare.DONE__CHARGE{ charge = 250, cid = 1, trips = 1, x3 = 1, y3 = 1 }
42.2080214164 System.RideShare.CREATE__CARPOOL{ charge = 250, cid = 1, pid = 2, trips = 1, x1 = 2, x2 = 3, x3 = 1, y1 = 1, y2 = 3, y3 = 1 }
42.2080214164 System.RideShare.JOIN__CARPOOL{ cPool = ((1,1,250,(1,1)),[(2,(2,1),(3,3))]), pid = 7, x1 = 2, x2 = 2, y1 = 1, y2 = 4 }
44.6066551567 System.RideShare.JOIN__CARPOOL{ cPool = ((1,1,250,(1,1)),[(2,(2,1),(3,3)),((7,(2,1),(2,4)))]), pid = 8, x1 = 2, x2 = 1, y1 = 1, y2 = 3 }
44.6066551567 System.passengers.new_passenger{ d = (3,4), pid = 9, s = (4,2) }
45.1857755311 System.passengers.new_passenger{ d = (3,3), pid = 10, s = (3,2) }
46.2080214164 System.RideShare.START__TRIP{ cPool = ((1,1,250,(1,1)),[(2,(2,1),(3,3)),((7,(2,1),(2,4))),(8,(2,1),(1,3))]), charge = 250, cid = 1, trips = 1,
x3 = 1, y3 = 1 }
46.2080214164 System.RideShare.DROP__OFF__PASS{ cPool = ((1,1,249,(2,1)),[(2,(2,1),(3,3)),((7,(2,1),(2,4))),(8,(2,1),(1,3))]) }
46.2080214164 System.RideShare.DROP__OFF__PASS{ cPool = ((1,1,246,(3,3)),[(7,(2,1),(2,4))),(8,(2,1),(1,3))]) }
46.2080214164 System.RideShare.DONE{ cPool = ((1,1,244,(2,4)),[(8,(2,1),(1,3))]) }
53.2080214164 System.RideShare.CREATE__CARPOOL{ charge = 242, cid = 1, pid = 4, trips = 2, x1 = 4, x2 = 4, x3 = 1, y1 = 1, y2 = 4, y3 = 3 }
53.2080214164 System.RideShare.JOIN__CARPOOL{ cPool = ((1,2,242,(1,3)),[(4,(4,1),(4,4))]), pid = 6, x1 = 4, x2 = 4, y1 = 1, y2 = 4 }
53.2080214164 System.RideShare.JOIN__CARPOOL{ cPool = ((1,2,242,(1,3)),[(4,(4,1),(4,4)),((6,(4,1),(4,4)))]), pid = 5, x1 = 4, x2 = 4, y1 = 1, y2 = 4 }
53.2080214164 System.passengers.end_trip{ d = (1,3), i = 3, pid = 8, s_time = "41.3233332985" }
53.2080214164 System.passengers.end_trip{ d = (2,4), i = 3, pid = 7, s_time = "30.6158356108" }
53.5816249974 System.passengers.new_passenger{ d = (3,1), pid = 11, s = (3,2) }
56.2080214164 System.passengers.end_trip{ d = (3,3), i = 3, pid = 2, s_time = "0.20802141644" }
61.1137684683 System.passengers.new_passenger{ d = (1,3), pid = 12, s = (3,2) }
62.6248984867 System.passengers.new_passenger{ d = (2,2), pid = 13, s = (4,1) }
68.8852910982 System.RideShare.JOIN__CARPOOL{ cPool = ((1,2,242,(1,3)),[(4,(4,1),(4,4)),((6,(4,1),(4,4))),(5,(4,1),(4,4))]), pid = 13, x1 = 4, x2 = 2, y1 = 1, y2 = 2 }
68.8852910982 System.passengers.new_passenger{ d = (4,3), pid = 14, s = (3,2) }
69.2080214164 System.RideShare.START__TRIP{ cPool = ((1,2,242,(1,3)),[(4,(4,1),(4,4)),((6,(4,1),(4,4))),(5,(4,1),(4,4))),(13,(4,1),(2,2))]), charge = 242,
cid = 1, trips = 2, x3 = 1, y3 = 3 }
69.2080214164 System.RideShare.DROP__OFF__PASS{ cPool = ((1,2,237,(4,1)),[(4,(4,1),(4,4)),((6,(4,1),(4,4))),(5,(4,1),(4,4))),(13,(4,1),(2,2))]) }
69.2080214164 System.RideShare.DROP__OFF__PASS{ cPool = ((1,2,234,(4,4)),[(6,(4,1),(4,4)),((5,(4,1),(4,4))),(13,(4,1),(2,2))]) }
69.2080214164 System.RideShare.DROP__OFF__PASS{ cPool = ((1,2,234,(4,4)),[(5,(4,1),(4,4)),((6,(4,1),(4,4))),(13,(4,1),(2,2))]) }
69.2080214164 System.RideShare.DONE{ cPool = ((1,2,234,(4,4)),[(13,(4,1),(2,2))]) }
70.2080214164 System.passengers.end_trip{ d = (4,4), i = 3, pid = 5, s_time = "16.3284207052" }
70.2080214164 System.passengers.end_trip{ d = (4,4), i = 3, pid = 6, s_time = "23.1086799349" }
78.5352891989 System.passengers.new_passenger{ d = (4,3), pid = 15, s = (3,3) }
79.2080214164 System.passengers.end_trip{ d = (4,4), i = 3, pid = 4, s_time = "12.8069385083" }
79.5654956649 System.passengers.new_passenger{ d = (1,4), pid = 16, s = (1,3) }
82.2080214164 System.RideShare.CREATE__CARPOOL{ charge = 230, cid = 1, pid = 12, trips = 3, x1 = 3, x2 = 1, x3 = 2, y1 = 2, y2 = 3, y3 = 2 }

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82.2080214164 System.RideShare.JOIN__CARPOOL{ cPool = ((1,3,230,(2,2)),[(12,(3,2),(1,3))]), pid = 14, x1 = 3, x2 = 4, y1 = 2, y2 = 3 }

82.2080214164 System.RideShare.JOIN__CARPOOL{ cPool = ((1,3,230,(2,2)),[(12,(3,2),(1,3)),(14,(3,2),(4,3))]), pid = 11, x1 = 3, x2 = 3, y1 = 2, y2 = 1 }

82.2080214164 System.RideShare.JOIN__CARPOOL{ cPool = ((1,3,230,(2,2)),[(12,(3,2),(1,3)),(14,(3,2),(4,3)),(11,(3,2),(3,1))]), pid = 10, x1 = 3, x2 = 3, y1 = 2, y2 = 3 }

82.2080214164 System.passengers.end_trip{ d = (2,2), i = 3, pid = 13, s_time = "62.6248984867" }

83.0090876977 System.passengers.new_passenger{ d = (3,1), pid = 17, s = (2,1) }

86.2080214164 System.RideShare.START__TRIP{ cPool = ((1,3,230,(2,2)),[(12,(3,2),(1,3)),(14,(3,2),(4,3)),(11,(3,2),(3,1)),(10,(3,2),(3,3))]), charge = 230, cid = 1, trips = 3, x3 = 2, y3 = 2 }

86.2080214164 System.RideShare.DROP__OFF__PASS{ cPool = ((1,3,229,(3,2)),[(12,(3,2),(1,3)),(14,(3,2),(4,3)),(11,(3,2),(3,1)),(10,(3,2),(3,3))]) }

86.2080214164 System.RideShare.DROP__OFF__PASS{ cPool = ((1,3,226,(1,3)),[(14,(3,2),(4,3)),(11,(3,2),(3,1)),(10,(3,2),(3,3))]) }

86.2080214164 System.RideShare.DROP__OFF__PASS{ cPool = ((1,3,223,(4,3)),[(11,(3,2),(3,1)),(10,(3,2),(3,3))]) }

86.2080214164 System.RideShare.DONE{ cPool = ((1,3,220,(3,1)),[(10,(3,2),(3,3))]) }

86.9935025243 System.passengers.new_passenger{ d = (1,4), pid = 18, s = (2,3) }

87.0100256862 System.passengers.new_passenger{ d = (4,1), pid = 19, s = (1,3) }

90.4036759008 System.passengers.new_passenger{ d = (1,2), pid = 20, s = (2,1) }

92.2120741318 System.passengers.new_passenger{ d = (3,2), pid = 21, s = (1,2) }

93.2080214164 System.passengers.end_trip{ d = (3,3), i = 1, pid = 10, s_time = "45.1857755311" }

93.2080214164 System.RideShare.NEED__CHARGE{ charge = 218, cid = 1, trips = 4, x3 = 3, y3 = 3 }

96.2080214164 System.passengers.end_trip{ d = (4,3), i = 2, pid = 14, s_time = "68.8852910982" }

96.2080214164 System.passengers.end_trip{ d = (3,1), i = 1, pid = 11, s_time = "53.5816249974" }

96.2080214164 System.passengers.end_trip{ d = (1,3), i = 3, pid = 12, s_time = "61.1137684683" }

100.945848286 System.passengers.new_passenger{ d = (1,2), pid = 22, s = (4,1) }

105.208021416 System.RideShare.CHARGE{ charge = 214, cid = 1, t = 2, trips = 4, x3 = 1, y3 = 1 }

107.208021416 System.RideShare.CHARGE{ charge = 215, cid = 1, t = 3, trips = 4, x3 = 1, y3 = 1 }

109.208021416 System.RideShare.CHARGE{ charge = 216, cid = 1, t = 1, trips = 4, x3 = 1, y3 = 1 }

111.167266815 System.passengers.new_passenger{ d = (2,1), pid = 23, s = (4,4) }

111.208021416 System.RideShare.CHARGE{ charge = 217, cid = 1, t = 3, trips = 4, x3 = 1, y3 = 1 }

113.208021416 System.RideShare.CHARGE{ charge = 218, cid = 1, t = 2, trips = 4, x3 = 1, y3 = 1 }

115.208021416 System.RideShare.CHARGE{ charge = 219, cid = 1, t = 3, trips = 4, x3 = 1, y3 = 1 }

117.002090467 System.passengers.new_passenger{ d = (2,4), pid = 24, s = (4,2) }

117.208021416 System.RideShare.CHARGE{ charge = 220, cid = 1, t = 2, trips = 4, x3 = 1, y3 = 1 }

119.208021416 System.RideShare.CHARGE{ charge = 221, cid = 1, t = 1, trips = 4, x3 = 1, y3 = 1 }

121.208021416 System.RideShare.CHARGE{ charge = 222, cid = 1, t = 3, trips = 4, x3 = 1, y3 = 1 }

123.208021416 System.RideShare.CHARGE{ charge = 223, cid = 1, t = 2, trips = 4, x3 = 1, y3 = 1 }

125.208021416 System.RideShare.CHARGE{ charge = 224, cid = 1, t = 1, trips = 4, x3 = 1, y3 = 1 }

127.208021416 System.RideShare.CHARGE{ charge = 225, cid = 1, t = 3, trips = 4, x3 = 1, y3 = 1 }

127.751252474 System.passengers.new_passenger{ d = (2,4), pid = 25, s = (1,4) }

129.208021416 System.RideShare.CHARGE{ charge = 226, cid = 1, t = 2, trips = 4, x3 = 1, y3 = 1 }

131.208021416 System.RideShare.CHARGE{ charge = 227, cid = 1, t = 3, trips = 4, x3 = 1, y3 = 1 }

131.910602774 System.passengers.new_passenger{ d = (1,2), pid = 26, s = (4,3) }

133.208021416 System.RideShare.CHARGE{ charge = 228, cid = 1, t = 3, trips = 4, x3 = 1, y3 = 1 }

135.208021416 System.RideShare.CHARGE{ charge = 229, cid = 1, t = 3, trips = 4, x3 = 1, y3 = 1 }

137.208021416 System.RideShare.CHARGE{ charge = 230, cid = 1, t = 1, trips = 4, x3 = 1, y3 = 1 }

139.208021416 System.RideShare.CHARGE{ charge = 231, cid = 1, t = 3, trips = 4, x3 = 1, y3 = 1 }

141.208021416 System.RideShare.CHARGE{ charge = 232, cid = 1, t = 2, trips = 4, x3 = 1, y3 = 1 }

143.208021416 System.RideShare.CHARGE{ charge = 233, cid = 1, t = 3, trips = 4, x3 = 1, y3 = 1 }

145.208021416 System.RideShare.CHARGE{ charge = 234, cid = 1, t = 3, trips = 4, x3 = 1, y3 = 1 }

147.208021416 System.RideShare.CHARGE{ charge = 235, cid = 1, t = 2, trips = 4, x3 = 1, y3 = 1 }

149.208021416 System.RideShare.CHARGE{ charge = 236, cid = 1, t = 1, trips = 4, x3 = 1, y3 = 1 }

151.208021416 System.RideShare.CHARGE{ charge = 237, cid = 1, t = 2, trips = 4, x3 = 1, y3 = 1 }

153.208021416 System.RideShare.CHARGE{ charge = 238, cid = 1, t = 3, trips = 4, x3 = 1, y3 = 1 }

155.208021416 System.RideShare.CHARGE{ charge = 239, cid = 1, t = 3, trips = 4, x3 = 1, y3 = 1 }

157.208021416 System.RideShare.CHARGE{ charge = 240, cid = 1, t = 3, trips = 4, x3 = 1, y3 = 1 }

159.208021416 System.RideShare.CHARGE{ charge = 241, cid = 1, t = 2, trips = 4, x3 = 1, y3 = 1 }

159.982491173 System.passengers.new_passenger{ d = (3,2), pid = 27, s = (1,4) }

161.208021416 System.RideShare.CHARGE{ charge = 242, cid = 1, t = 1, trips = 4, x3 = 1, y3 = 1 }

163.208021416 System.RideShare.CHARGE{ charge = 243, cid = 1, t = 1, trips = 4, x3 = 1, y3 = 1 }

163.340034513 System.passengers.new_passenger{ d = (4,2), pid = 28, s = (3,4) }

165.208021416 System.RideShare.CHARGE{ charge = 244, cid = 1, t = 1, trips = 4, x3 = 1, y3 = 1 }

167.208021416 System.RideShare.CHARGE{ charge = 245, cid = 1, t = 3, trips = 4, x3 = 1, y3 = 1 }

168.117227079 System.passengers.new_passenger{ d = (2,2), pid = 29, s = (4,3) }

169.208021416 System.RideShare.CHARGE{ charge = 246, cid = 1, t = 1, trips = 4, x3 = 1, y3 = 1 }

171.208021416 System.RideShare.CHARGE{ charge = 247, cid = 1, t = 3, trips = 4, x3 = 1, y3 = 1 }

173.208021416 System.RideShare.CHARGE{ charge = 248, cid = 1, t = 1, trips = 4, x3 = 1, y3 = 1 }

175.208021416 System.RideShare.CHARGE{ charge = 249, cid = 1, t = 2, trips = 4, x3 = 1, y3 = 1 }

177.208021416 System.RideShare.DONE__CHARGE{ charge = 250, cid = 1, trips = 4, x3 = 1, y3 = 1 }

177.208021416 System.RideShare.CREATE__CARPOOL{ charge = 250, cid = 1, pid = 16, trips = 4, x1 = 1, x2 = 1, x3 = 1, y1 = 3, y2 = 4, y3 = 1 }

177.208021416 System.RideShare.JOIN__CARPOOL{ cPool = ((1,4,250,(1,1)),[(16,(1,3),(1,4))]), pid = 19, x1 = 1, x2 = 4, y1 = 3, y2 = 1 }

178.962281805 System.passengers.new_passenger{ d = (2,1), pid = 30, s = (1,3) }

183.252641602 System.RideShare.JOIN__CARPOOL{ cPool = ((1,4,250,(1,1)),[(16,(1,3),(1,4)),(19,(1,3),(4,1))]), pid = 30, x1 = 1, x2 = 2, y1 = 3, y2 = 1 }

183.252641602 System.passengers.new_passenger{ d = (4,1), pid = 31, s = (2,1) }

184.208021416 System.RideShare.START__TRIP{ cPool = ((1,4,250,(1,1)),[(16,(1,3),(1,4)),(19,(1,3),(4,1)),(30,(1,3),(2,1))]), charge = 250, cid = 1, trips = 4, x3 = 1, y3 = 1 }

184.208021416 System.RideShare.DROP__OFF__PASS{ cPool = ((1,4,248,(1,3)),[(16,(1,3),(1,4)),(19,(1,3),(4,1)),(30,(1,3),(2,1))]) }

184.208021416 System.RideShare.DROP__OFF__PASS{ cPool = ((1,4,247,(1,4)),[(19,(1,3),(4,1)),(30,(1,3),(2,1))]) }

184.208021416 System.RideShare.DONE{ cPool = ((1,4,241,(4,1)),[(30,(1,3),(2,1))]) }

188.208021416 System.passengers.end_trip{ d = (1,4), i = 1, pid = 16, s_time = "79.5654956649" }

191.208021416 System.RideShare.CREATE__CARPOOL{ charge = 239, cid = 1, pid = 15, trips = 5, x1 = 3, x2 = 4, x3 = 2, y1 = 3, y2 = 3, y3 = 1 }

191.208021416 System.passengers.end_trip{ d = (2,1), i = 3, pid = 30, s_time = "178.962281805" }
199.930286777 System.passengers.new_passenger{ d = (3,1), pid = 32, s = (3,2) }
201.208021416 System.RideShare.START__TRIP{ cPool = ((1,5,239,(2,1)),[(15,(3,3),(4,3))]), charge = 239, cid = 1, trips = 5, x3 = 2, y3 = 1 }
201.208021416 System.RideShare.DONE{ cPool = ((1,5,236,(3,3)),[(15,(3,3),(4,3))]) }
203.208021416 System.passengers.end_trip{ d = (4,1), i = 5, pid = 19, s_time = "87.0100256862" }
203.557454375 System.passengers.new_passenger{ d = (4,3), pid = 33, s = (2,2) }
204.586785652 System.passengers.new_passenger{ d = (1,2), pid = 34, s = (2,1) }
205.208021416 System.RideShare.CREATE__CARPOOL{ charge = 235, cid = 1, pid = 23, trips = 6, x1 = 4, x2 = 2, x3 = 4, y1 = 4, y2 = 1, y3 = 3 }
205.208021416 System.passengers.end_trip{ d = (4,3), i = 1, pid = 15, s_time = "78.5352891989" }
209.208021416 System.RideShare.START__TRIP{ cPool = ((1,6,235,(4,3)),[(23,(4,4),(2,1))]), charge = 235, cid = 1, trips = 6, x3 = 4, y3 = 3 }
209.208021416 System.RideShare.DONE{ cPool = ((1,6,234,(4,4)),[(23,(4,4),(2,1))]) }
209.493808294 System.passengers.new_passenger{ d = (1,2), pid = 35, s = (2,1) }
225.042153192 System.passengers.new_passenger{ d = (4,2), pid = 36, s = (3,1) }
225.208021416 System.passengers.end_trip{ d = (2,1), i = 5, pid = 23, s_time = "111.167266815" }
225.208021416 System.RideShare.NEED__CHARGE{ charge = 229, cid = 1, trips = 7, x3 = 2, y3 = 1 }
228.208021416 System.RideShare.CHARGE{ charge = 228, cid = 1, t = 1, trips = 7, x3 = 1, y3 = 1 }
228.316739128 System.passengers.new_passenger{ d = (4,1), pid = 37, s = (2,1) }
230.208021416 System.RideShare.CHARGE{ charge = 229, cid = 1, t = 1, trips = 7, x3 = 1, y3 = 1 }
232.208021416 System.RideShare.CHARGE{ charge = 230, cid = 1, t = 2, trips = 7, x3 = 1, y3 = 1 }
234.208021416 System.RideShare.CHARGE{ charge = 231, cid = 1, t = 1, trips = 7, x3 = 1, y3 = 1 }
235.341435817 System.passengers.new_passenger{ d = (3,3), pid = 38, s = (1,2) }
236.208021416 System.RideShare.CHARGE{ charge = 232, cid = 1, t = 1, trips = 7, x3 = 1, y3 = 1 }
238.208021416 System.RideShare.CHARGE{ charge = 233, cid = 1, t = 1, trips = 7, x3 = 1, y3 = 1 }
240.208021416 System.RideShare.CHARGE{ charge = 234, cid = 1, t = 3, trips = 7, x3 = 1, y3 = 1 }
240.614830054 System.passengers.new_passenger{ d = (1,2), pid = 39, s = (1,3) }
242.208021416 System.RideShare.CHARGE{ charge = 235, cid = 1, t = 3, trips = 7, x3 = 1, y3 = 1 }
244.208021416 System.RideShare.CHARGE{ charge = 236, cid = 1, t = 3, trips = 7, x3 = 1, y3 = 1 }
246.208021416 System.RideShare.CHARGE{ charge = 237, cid = 1, t = 1, trips = 7, x3 = 1, y3 = 1 }
248.208021416 System.RideShare.CHARGE{ charge = 238, cid = 1, t = 1, trips = 7, x3 = 1, y3 = 1 }
250.208021416 System.RideShare.CHARGE{ charge = 239, cid = 1, t = 2, trips = 7, x3 = 1, y3 = 1 }
252.208021416 System.RideShare.CHARGE{ charge = 240, cid = 1, t = 3, trips = 7, x3 = 1, y3 = 1 }
254.208021416 System.RideShare.CHARGE{ charge = 241, cid = 1, t = 2, trips = 7, x3 = 1, y3 = 1 }
254.666229276 System.passengers.new_passenger{ d = (1,2), pid = 40, s = (2,1) }
255.779041573 System.passengers.new_passenger{ d = (4,1), pid = 41, s = (1,2) }
256.208021416 System.RideShare.CHARGE{ charge = 242, cid = 1, t = 3, trips = 7, x3 = 1, y3 = 1 }
258.208021416 System.RideShare.CHARGE{ charge = 243, cid = 1, t = 3, trips = 7, x3 = 1, y3 = 1 }
260.208021416 System.RideShare.CHARGE{ charge = 244, cid = 1, t = 2, trips = 7, x3 = 1, y3 = 1 }
262.208021416 System.RideShare.CHARGE{ charge = 245, cid = 1, t = 1, trips = 7, x3 = 1, y3 = 1 }
264.208021416 System.RideShare.CHARGE{ charge = 246, cid = 1, t = 3, trips = 7, x3 = 1, y3 = 1 }
266.208021416 System.RideShare.CHARGE{ charge = 247, cid = 1, t = 1, trips = 7, x3 = 1, y3 = 1 }
268.208021416 System.RideShare.CHARGE{ charge = 248, cid = 1, t = 3, trips = 7, x3 = 1, y3 = 1 }
270.208021416 System.RideShare.CHARGE{ charge = 249, cid = 1, t = 2, trips = 7, x3 = 1, y3 = 1 }
272.208021416 System.RideShare.DONE__CHARGE{ charge = 250, cid = 1, trips = 7, x3 = 1, y3 = 1 }
272.208021416 System.RideShare.CREATE__CARPOOL{ charge = 250, cid = 1, pid = 34, trips = 7, x1 = 2, x2 = 1, x3 = 1, y1 = 1, y2 = 2, y3 = 1 }
272.208021416 System.RideShare.JOIN__CARPOOL{ cPool = ((1,7,250,(1,1)),[(34,(2,1),(1,2))]), pid = 31, x1 = 2, x2 = 4, y1 = 1, y2 = 1 }
272.208021416 System.RideShare.JOIN__CARPOOL{ cPool = ((1,7,250,(1,1)),[(34,(2,1),(1,2)),(31,(2,1),(4,1))]), pid = 20, x1 = 2, x2 = 1, y1 = 1, y2 = 2 }
272.208021416 System.RideShare.JOIN__CARPOOL{ cPool = ((1,7,250,(1,1)),[(34,(2,1),(1,2)),(31,(2,1),(4,1)),(20,(2,1),(1,2))]), pid = 35, x1 = 2, x2 = 1, y1 = 1, y2 = 2 }
276.208021416 System.RideShare.START__TRIP{ cPool = ((1,7,250,(1,1)),[(34,(2,1),(1,2)),(31,(2,1),(4,1)),(20,(2,1),(1,2)),(35,(2,1),(1,2))]), charge = 250, cid = 1, trips = 7, x3 = 1, y3 = 1 }
276.208021416 System.RideShare.DROP__OFF__PASS{ cPool = ((1,7,249,(2,1)),[(34,(2,1),(1,2)),(31,(2,1),(4,1)),(20,(2,1),(1,2)),(35,(2,1),(1,2))]) }
276.208021416 System.RideShare.DROP__OFF__PASS{ cPool = ((1,7,247,(1,2)),[(31,(2,1),(4,1)),(20,(2,1),(1,2)),(35,(2,1),(1,2))]) }
276.208021416 System.RideShare.DROP__OFF__PASS{ cPool = ((1,7,243,(4,1)),[(20,(2,1),(1,2)),(35,(2,1),(1,2))]) }
276.208021416 System.RideShare.DONE{ cPool = ((1,7,239,(1,2)),[(35,(2,1),(1,2))]) }
277.208021416 System.passengers.end_trip{ d = (1,2), i = 2, pid = 35, s_time = "209.493808294" }
277.208021416 System.RideShare.NEED__CHARGE{ charge = 239, cid = 1, trips = 8, x3 = 1, y3 = 2 }
280.208021416 System.RideShare.CHARGE{ charge = 238, cid = 1, t = 2, trips = 8, x3 = 1, y3 = 1 }
282.208021416 System.RideShare.CHARGE{ charge = 239, cid = 1, t = 3, trips = 8, x3 = 1, y3 = 1 }
283.208021416 System.passengers.end_trip{ d = (1,2), i = 2, pid = 34, s_time = "204.586785652" }
284.208021416 System.RideShare.CHARGE{ charge = 240, cid = 1, t = 1, trips = 8, x3 = 1, y3 = 1 }
286.208021416 System.RideShare.CHARGE{ charge = 241, cid = 1, t = 2, trips = 8, x3 = 1, y3 = 1 }
288.208021416 System.RideShare.CHARGE{ charge = 242, cid = 1, t = 3, trips = 8, x3 = 1, y3 = 1 }
289.208021416 System.passengers.end_trip{ d = (4,1), i = 2, pid = 31, s_time = "183.252641602" }
289.208021416 System.passengers.end_trip{ d = (1,2), i = 2, pid = 20, s_time = "90.4036759008" }
290.208021416 System.RideShare.CHARGE{ charge = 243, cid = 1, t = 1, trips = 8, x3 = 1, y3 = 1 }
291.151734544 System.passengers.new_passenger{ d = (3,1), pid = 42, s = (2,1) }
292.208021416 System.RideShare.CHARGE{ charge = 244, cid = 1, t = 1, trips = 8, x3 = 1, y3 = 1 }
294.208021416 System.RideShare.CHARGE{ charge = 245, cid = 1, t = 3, trips = 8, x3 = 1, y3 = 1 }
294.239506176 System.passengers.new_passenger{ d = (2,1), pid = 43, s = (3,3) }
295.341587168 System.passengers.new_passenger{ d = (2,4), pid = 44, s = (1,3) }
296.208021416 System.RideShare.CHARGE{ charge = 246, cid = 1, t = 3, trips = 8, x3 = 1, y3 = 1 }
296.64355814 System.passengers.new_passenger{ d = (1,2), pid = 45, s = (3,1) }
298.208021416 System.RideShare.CHARGE{ charge = 247, cid = 1, t = 1, trips = 8, x3 = 1, y3 = 1 }
298.719475457 System.passengers.new_passenger{ d = (3,1), pid = 46, s = (1,2) }
300.208021416 System.RideShare.CHARGE{ charge = 248, cid = 1, t = 1, trips = 8, x3 = 1, y3 = 1 }
302.208021416 System.RideShare.CHARGE{ charge = 249, cid = 1, t = 1, trips = 8, x3 = 1, y3 = 1 }
304.208021416 System.RideShare.DONE__CHARGE{ charge = 250, cid = 1, trips = 8, x3 = 1, y3 = 1 }
304.208021416 System.RideShare.CREATE__CARPOOL{ charge = 250, cid = 1, pid = 24, trips = 8, x1 = 4, x2 = 2, x3 = 1, y1 = 2, y2 = 4, y3 = 1 }
304.208021416 System.RideShare.JOIN__CARPOOL{ cPool = ((1,8,250,(1,1)),[(24,(4,2),(2,4))]), pid = 9, x1 = 4, x2 = 3, y1 = 2, y2 = 4 }

317.208021416 System.RideShare.START__TRIP{ cPool = ((1,8,250,(1,1)),[(24,(4,2),(2,4)),(9,(4,2),(3,4))]), charge = 250, cid = 1, trips = 8, x3 = 1, y3 = 1 }
317.208021416 System.RideShare.DROP__OFF__PASS{ cPool = ((1,8,246,(4,2)),[(24,(4,2),(2,4)),(9,(4,2),(3,4))]) }
317.208021416 System.RideShare.DONE{ cPool = ((1,8,242,(2,4)),[(9,(4,2),(3,4))]) }
321.154357097 System.passengers.new_passenger{ d = (2,1), pid = 47, s = (4,2) }
321.208021416 System.RideShare.CREATE__CARPOOL{ charge = 241, cid = 1, pid = 32, trips = 9, x1 = 3, x2 = 3, x3 = 3, y1 = 2, y2 = 1, y3 = 4 }
321.208021416 System.passengers.end_trip{ d = (3,4), i = 3, pid = 9, s_time = "44.6066551567" }
325.112250382 System.passengers.new_passenger{ d = (2,4), pid = 48, s = (2,3) }
326.803809589 System.passengers.new_passenger{ d = (1,3), pid = 49, s = (4,2) }
326.842895778 System.passengers.new_passenger{ d = (1,3), pid = 50, s = (4,4) }
328.208021416 System.RideShare.START__TRIP{ cPool = ((1,9,241,(3,4)),[(32,(3,2),(3,1))]), charge = 241, cid = 1, trips = 9, x3 = 3, y3 = 4 }
328.208021416 System.RideShare.DONE{ cPool = ((1,9,239,(3,2)),[(32,(3,2),(3,1))]) }
330.208021416 System.passengers.end_trip{ d = (2,4), i = 4, pid = 24, s_time = "117.002090467" }
332.208021416 System.RideShare.CREATE__CARPOOL{ charge = 238, cid = 1, pid = 46, trips = 10, x1 = 1, x2 = 3, x3 = 3, y1 = 2, y2 = 1, y3 = 1 }
332.208021416 System.RideShare.JOIN__CARPOOL{ cPool = ((1,10,238,(3,1)),[(46,(1,2),(3,1)),(38,(1,2),(3,3))]), pid = 38, x1 = 1, x2 = 3, y1 = 2, y2 = 3 }
332.208021416 System.RideShare.JOIN__CARPOOL{ cPool = ((1,10,238,(3,1)),[(46,(1,2),(3,1)),(38,(1,2),(3,3))]), pid = 21, x1 = 1, x2 = 3, y1 = 2, y2 = 2 }
332.208021416 System.RideShare.JOIN__CARPOOL{ cPool = ((1,10,238,(3,1)),[(46,(1,2),(3,1)),(38,(1,2),(3,3))]), pid = 41, x1 = 1, x2 = 4, y1 = 2, y2 = 1 }
332.208021416 System.passengers.end_trip{ d = (3,1), i = 1, pid = 32, s_time = "199.930286777" }
336.476409295 System.passengers.new_passenger{ d = (2,4), pid = 51, s = (4,3) }
339.220088817 System.passengers.new_passenger{ d = (2,4), pid = 52, s = (3,2) }
342.208021416 System.RideShare.START__TRIP{ cPool = ((1,10,238,(3,1)),[(46,(1,2),(3,1)),(38,(1,2),(3,3))]), charge = 238, cid = 1, trips = 10, x3 = 3, y3 = 1 }
342.208021416 System.RideShare.DROP__OFF__PASS{ cPool = ((1,10,235,(1,2)),[(46,(1,2),(3,1)),(38,(1,2),(3,3))]), charge = 235, cid = 1, trips = 10, x3 = 3, y3 = 1 }
342.208021416 System.RideShare.DROP__OFF__PASS{ cPool = ((1,10,232,(3,1)),[(38,(1,2),(3,3))]), charge = 232, cid = 1, trips = 10, x3 = 3, y3 = 1 }
342.208021416 System.RideShare.DROP__OFF__PASS{ cPool = ((1,10,230,(3,1)),[(38,(1,2),(3,3))]), charge = 230, cid = 1, trips = 10, x3 = 3, y3 = 1 }
342.208021416 System.RideShare.DONE{ cPool = ((1,10,229,(3,2)),[(41,(1,2),(4,1))]) }
343.878089833 System.passengers.new_passenger{ d = (4,1), pid = 53, s = (1,3) }
346.208021416 System.passengers.end_trip{ d = (3,2), i = 2, pid = 21, s_time = "92.2120741318" }
349.208021416 System.RideShare.CREATE__CARPOOL{ charge = 227, cid = 1, pid = 37, trips = 11, x1 = 2, x2 = 4, x3 = 4, y1 = 1, y2 = 1, y3 = 1 }
349.208021416 System.RideShare.JOIN__CARPOOL{ cPool = ((1,11,227,(4,1)),[(37,(2,1),(4,1))]), pid = 17, x1 = 2, x2 = 3, y1 = 1, y2 = 1 }
349.208021416 System.RideShare.JOIN__CARPOOL{ cPool = ((1,11,227,(4,1)),[(37,(2,1),(4,1))]), pid = 40, x1 = 2, x2 = 1, y1 = 1, y2 = 2 }
349.208021416 System.RideShare.JOIN__CARPOOL{ cPool = ((1,11,227,(4,1)),[(37,(2,1),(4,1))]), pid = 42, x1 = 2, x2 = 3, y1 = 1, y2 = 1 }
349.208021416 System.passengers.end_trip{ d = (3,3), i = 3, pid = 38, s_time = "235.341435817" }
349.208021416 System.passengers.end_trip{ d = (4,1), i = 4, pid = 41, s_time = "255.779041573" }
352.208021416 System.passengers.end_trip{ d = (3,1), i = 3, pid = 46, s_time = "298.719475457" }
356.208021416 System.RideShare.START__TRIP{ cPool = ((1,11,227,(4,1)),[(37,(2,1),(4,1))]), charge = 227, cid = 1, trips = 11, x3 = 4, y3 = 1 }
356.208021416 System.RideShare.DROP__OFF__PASS{ cPool = ((1,11,225,(2,1)),[(37,(2,1),(4,1))]), charge = 225, cid = 1, trips = 11, x3 = 4, y3 = 1 }
356.208021416 System.RideShare.DROP__OFF__PASS{ cPool = ((1,11,223,(4,1)),[(17,(2,1),(3,1))]), charge = 223, cid = 1, trips = 11, x3 = 4, y3 = 1 }
356.208021416 System.RideShare.DROP__OFF__PASS{ cPool = ((1,11,222,(3,1)),[(40,(2,1),(1,2))]), charge = 222, cid = 1, trips = 11, x3 = 4, y3 = 1 }
356.208021416 System.RideShare.DONE{ cPool = ((1,11,219,(1,2)),[(42,(2,1),(3,1))]) }
360.208021416 System.passengers.end_trip{ d = (3,1), i = 1, pid = 17, s_time = "83.0090876977" }
362.162116598 System.passengers.new_passenger{ d = (3,3), pid = 54, s = (2,3) }
363.208021416 System.passengers.end_trip{ d = (4,1), i = 2, pid = 37, s_time = "228.316739128" }
366.208021416 System.RideShare.CREATE__CARPOOL{ charge = 216, cid = 1, pid = 22, trips = 12, x1 = 4, x2 = 1, x3 = 3, y1 = 1, y2 = 2, y3 = 1 }
366.208021416 System.passengers.end_trip{ d = (3,1), i = 1, pid = 42, s_time = "291.151734544" }
366.208021416 System.passengers.end_trip{ d = (1,2), i = 2, pid = 40, s_time = "254.666229276" }
370.208021416 System.RideShare.START__TRIP{ cPool = ((1,12,216,(3,1)),[(22,(4,1),(1,2))]), charge = 216, cid = 1, trips = 12, x3 = 3, y3 = 1 }
370.208021416 System.RideShare.DONE{ cPool = ((1,12,215,(4,1)),[(22,(4,1),(1,2))]) }
370.642396051 System.passengers.new_passenger{ d = (4,2), pid = 55, s = (1,2) }
380.997180443 System.passengers.new_passenger{ d = (4,1), pid = 56, s = (1,4) }
383.208021416 System.passengers.end_trip{ d = (1,2), i = 4, pid = 22, s_time = "100.945848286" }
383.208021416 System.RideShare.CREATE__CARPOOL{ charge = 211, cid = 1, pid = 43, trips = 13, x1 = 3, x2 = 2, x3 = 1, y1 = 3, y2 = 1, y3 = 2 }
387.558191809 System.passengers.new_passenger{ d = (3,2), pid = 57, s = (2,3) }
391.538893068 System.passengers.new_passenger{ d = (4,2), pid = 58, s = (3,2) }
393.208021416 System.RideShare.START__TRIP{ cPool = ((1,13,211,(1,2)),[(43,(3,3),(2,1))]), charge = 211, cid = 1, trips = 13, x3 = 1, y3 = 2 }
393.208021416 System.RideShare.DONE{ cPool = ((1,13,208,(3,3)),[(43,(3,3),(2,1))]) }
403.208021416 System.RideShare.NEED__CHARGE{ charge = 205, cid = 1, trips = 14, x3 = 2, y3 = 1 }
403.208021416 System.passengers.end_trip{ d = (2,1), i = 3, pid = 43, s_time = "294.239506176" }
404.776887972 System.passengers.new_passenger{ d = (1,4), pid = 59, s = (3,1) }
406.208021416 System.RideShare.CHARGE{ charge = 204, cid = 1, t = 3, trips = 14, x3 = 1, y3 = 1 }
408.208021416 System.RideShare.CHARGE{ charge = 205, cid = 1, t = 2, trips = 14, x3 = 1, y3 = 1 }
410.208021416 System.RideShare.CHARGE{ charge = 206, cid = 1, t = 3, trips = 14, x3 = 1, y3 = 1 }
412.208021416 System.RideShare.CHARGE{ charge = 207, cid = 1, t = 3, trips = 14, x3 = 1, y3 = 1 }
414.079223522 System.passengers.new_passenger{ d = (3,1), pid = 60, s = (4,2) }
414.208021416 System.RideShare.CHARGE{ charge = 208, cid = 1, t = 1, trips = 14, x3 = 1, y3 = 1 }
414.957237324 System.passengers.new_passenger{ d = (2,2), pid = 61, s = (1,2) }
416.208021416 System.RideShare.CHARGE{ charge = 209, cid = 1, t = 2, trips = 14, x3 = 1, y3 = 1 }
417.264896653 System.passengers.new_passenger{ d = (2,3), pid = 62, s = (3,2) }
418.085835858 System.passengers.new_passenger{ d = (3,1), pid = 63, s = (3,3) }
418.208021416 System.RideShare.CHARGE{ charge = 210, cid = 1, t = 1, trips = 14, x3 = 1, y3 = 1 }
419.316108119 System.passengers.new_passenger{ d = (3,1), pid = 64, s = (3,3) }
420.208021416 System.RideShare.CHARGE{ charge = 211, cid = 1, t = 1, trips = 14, x3 = 1, y3 = 1 }
422.208021416 System.RideShare.CHARGE{ charge = 212, cid = 1, t = 3, trips = 14, x3 = 1, y3 = 1 }
422.505642293 System.passengers.new_passenger{ d = (3,2), pid = 65, s = (1,2) }
424.208021416 System.RideShare.CHARGE{ charge = 213, cid = 1, t = 3, trips = 14, x3 = 1, y3 = 1 }

426.208021416 System.RideShare.CHARGE{ charge = 214, cid = 1, t = 1, trips = 14, x3 = 1, y3 = 1 }
428.208021416 System.RideShare.CHARGE{ charge = 215, cid = 1, t = 2, trips = 14, x3 = 1, y3 = 1 }
430.208021416 System.RideShare.CHARGE{ charge = 216, cid = 1, t = 1, trips = 14, x3 = 1, y3 = 1 }
432.208021416 System.RideShare.CHARGE{ charge = 217, cid = 1, t = 3, trips = 14, x3 = 1, y3 = 1 }
434.208021416 System.RideShare.CHARGE{ charge = 218, cid = 1, t = 1, trips = 14, x3 = 1, y3 = 1 }
436.208021416 System.RideShare.CHARGE{ charge = 219, cid = 1, t = 1, trips = 14, x3 = 1, y3 = 1 }
438.208021416 System.RideShare.CHARGE{ charge = 220, cid = 1, t = 1, trips = 14, x3 = 1, y3 = 1 }
440.208021416 System.RideShare.CHARGE{ charge = 221, cid = 1, t = 3, trips = 14, x3 = 1, y3 = 1 }
441.991430792 System.passengers.new_passenger{ d = (4,4), pid = 66, s = (4,2) }
442.208021416 System.RideShare.CHARGE{ charge = 222, cid = 1, t = 1, trips = 14, x3 = 1, y3 = 1 }
444.208021416 System.RideShare.CHARGE{ charge = 223, cid = 1, t = 3, trips = 14, x3 = 1, y3 = 1 }
446.208021416 System.RideShare.CHARGE{ charge = 224, cid = 1, t = 3, trips = 14, x3 = 1, y3 = 1 }
448.208021416 System.RideShare.CHARGE{ charge = 225, cid = 1, t = 1, trips = 14, x3 = 1, y3 = 1 }
450.208021416 System.RideShare.CHARGE{ charge = 226, cid = 1, t = 2, trips = 14, x3 = 1, y3 = 1 }
452.208021416 System.RideShare.CHARGE{ charge = 227, cid = 1, t = 1, trips = 14, x3 = 1, y3 = 1 }
454.208021416 System.RideShare.CHARGE{ charge = 228, cid = 1, t = 1, trips = 14, x3 = 1, y3 = 1 }
456.208021416 System.RideShare.CHARGE{ charge = 229, cid = 1, t = 1, trips = 14, x3 = 1, y3 = 1 }
456.968115675 System.passengers.new_passenger{ d = (2,4), pid = 67, s = (4,4) }
458.208021416 System.RideShare.CHARGE{ charge = 230, cid = 1, t = 1, trips = 14, x3 = 1, y3 = 1 }
460.059286862 System.passengers.new_passenger{ d = (3,2), pid = 68, s = (4,3) }
460.208021416 System.RideShare.CHARGE{ charge = 231, cid = 1, t = 3, trips = 14, x3 = 1, y3 = 1 }
462.208021416 System.RideShare.CHARGE{ charge = 232, cid = 1, t = 1, trips = 14, x3 = 1, y3 = 1 }
464.208021416 System.RideShare.CHARGE{ charge = 233, cid = 1, t = 1, trips = 14, x3 = 1, y3 = 1 }
465.105697179 System.passengers.new_passenger{ d = (2,1), pid = 69, s = (4,3) }
466.208021416 System.RideShare.CHARGE{ charge = 234, cid = 1, t = 3, trips = 14, x3 = 1, y3 = 1 }
467.165708658 System.passengers.new_passenger{ d = (3,1), pid = 70, s = (4,3) }
468.208021416 System.RideShare.CHARGE{ charge = 235, cid = 1, t = 2, trips = 14, x3 = 1, y3 = 1 }
470.208021416 System.RideShare.CHARGE{ charge = 236, cid = 1, t = 2, trips = 14, x3 = 1, y3 = 1 }
472.208021416 System.RideShare.CHARGE{ charge = 237, cid = 1, t = 1, trips = 14, x3 = 1, y3 = 1 }
474.208021416 System.RideShare.CHARGE{ charge = 238, cid = 1, t = 3, trips = 14, x3 = 1, y3 = 1 }
474.411362422 System.passengers.new_passenger{ d = (1,2), pid = 71, s = (3,4) }
476.208021416 System.RideShare.CHARGE{ charge = 239, cid = 1, t = 2, trips = 14, x3 = 1, y3 = 1 }
478.208021416 System.RideShare.CHARGE{ charge = 240, cid = 1, t = 1, trips = 14, x3 = 1, y3 = 1 }
480.208021416 System.RideShare.CHARGE{ charge = 241, cid = 1, t = 2, trips = 14, x3 = 1, y3 = 1 }
481.180674683 System.passengers.new_passenger{ d = (4,3), pid = 72, s = (2,3) }
482.208021416 System.RideShare.CHARGE{ charge = 242, cid = 1, t = 1, trips = 14, x3 = 1, y3 = 1 }
484.208021416 System.RideShare.CHARGE{ charge = 243, cid = 1, t = 1, trips = 14, x3 = 1, y3 = 1 }
486.208021416 System.RideShare.CHARGE{ charge = 244, cid = 1, t = 3, trips = 14, x3 = 1, y3 = 1 }
488.208021416 System.RideShare.CHARGE{ charge = 245, cid = 1, t = 2, trips = 14, x3 = 1, y3 = 1 }
488.895651308 System.passengers.new_passenger{ d = (3,3), pid = 73, s = (3,1) }
490.208021416 System.RideShare.CHARGE{ charge = 246, cid = 1, t = 3, trips = 14, x3 = 1, y3 = 1 }
490.426072953 System.passengers.new_passenger{ d = (2,4), pid = 74, s = (3,2) }
491.702301709 System.passengers.new_passenger{ d = (3,2), pid = 75, s = (2,3) }
492.208021416 System.RideShare.CHARGE{ charge = 247, cid = 1, t = 2, trips = 14, x3 = 1, y3 = 1 }
494.208021416 System.RideShare.CHARGE{ charge = 248, cid = 1, t = 2, trips = 14, x3 = 1, y3 = 1 }
496.208021416 System.RideShare.CHARGE{ charge = 249, cid = 1, t = 1, trips = 14, x3 = 1, y3 = 1 }
498.208021416 System.RideShare.DONE__CHARGE{ charge = 250, cid = 1, trips = 14, x3 = 1, y3 = 1 }
498.208021416 System.RideShare.CREATE__CARPOOL{ charge = 250, cid = 1, pid = 61, trips = 14, x1 = 1, x2 = 2, x3 = 1, y1 = 2, y2 = 2, y3 = 1 }
498.208021416 System.RideShare.JOIN__CARPOOL{ cPool = ((1,14,250,(1,1)),((61,(1,2),(2,2))), pid = 55, x1 = 1, x2 = 4, y1 = 2, y2 = 2 }
498.208021416 System.RideShare.JOIN__CARPOOL{ cPool = ((1,14,250,(1,1)),((61,(1,2),(2,2)),(55,(1,2),(4,2))), pid = 65, x1 = 1, x2 = 3, y1 = 2, y2 = 2 }
502.208021416 System.RideShare.START__TRIP{ cPool = ((1,14,250,(1,1)),((61,(1,2),(2,2)),(55,(1,2),(4,2)),(65,(1,2),(3,2))), charge = 250, cid = 1, trips = 14, x3 = 1, y3 = 1 }
502.208021416 System.RideShare.DROP__OFF__PASS{ cPool = ((1,14,249,(1,2)),((61,(1,2),(2,2)),(55,(1,2),(4,2)),(65,(1,2),(3,2))) }
502.208021416 System.RideShare.DROP__OFF__PASS{ cPool = ((1,14,248,(2,2)),((55,(1,2),(4,2)),(65,(1,2),(3,2))) }
502.208021416 System.RideShare.DONE{ cPool = ((1,14,246,(4,2)),((65,(1,2),(3,2))) }
506.208021416 System.RideShare.NEED__CHARGE{ charge = 245, cid = 1, trips = 15, x3 = 3, y3 = 2 }
506.208021416 System.passengers.end_trip{ d = (2,2), i = 1, pid = 61, s_time = "414.957237324" }
506.208021416 System.passengers.end_trip{ d = (3,2), i = 2, pid = 65, s_time = "422.505642293" }
509.208021416 System.passengers.end_trip{ d = (4,2), i = 3, pid = 55, s_time = "370.642396051" }
515.208021416 System.RideShare.CHARGE{ charge = 242, cid = 1, t = 3, trips = 15, x3 = 1, y3 = 1 }
517.208021416 System.RideShare.CHARGE{ charge = 243, cid = 1, t = 2, trips = 15, x3 = 1, y3 = 1 }
519.208021416 System.RideShare.CHARGE{ charge = 244, cid = 1, t = 2, trips = 15, x3 = 1, y3 = 1 }
521.208021416 System.RideShare.CHARGE{ charge = 245, cid = 1, t = 2, trips = 15, x3 = 1, y3 = 1 }
523.208021416 System.RideShare.CHARGE{ charge = 246, cid = 1, t = 1, trips = 15, x3 = 1, y3 = 1 }
525.208021416 System.RideShare.CHARGE{ charge = 247, cid = 1, t = 1, trips = 15, x3 = 1, y3 = 1 }
526.047674365 System.passengers.new_passenger{ d = (1,4), pid = 76, s = (3,4) }
527.208021416 System.RideShare.CHARGE{ charge = 248, cid = 1, t = 2, trips = 15, x3 = 1, y3 = 1 }
527.371460047 System.passengers.new_passenger{ d = (3,2), pid = 77, s = (4,2) }
529.208021416 System.RideShare.CHARGE{ charge = 249, cid = 1, t = 1, trips = 15, x3 = 1, y3 = 1 }
529.308465966 System.passengers.new_passenger{ d = (2,2), pid = 78, s = (3,3) }
531.208021416 System.RideShare.DONE__CHARGE{ charge = 250, cid = 1, trips = 15, x3 = 1, y3 = 1 }
531.208021416 System.RideShare.CREATE__CARPOOL{ charge = 250, cid = 1, pid = 66, trips = 15, x1 = 4, x2 = 4, x3 = 1, y1 = 2, y2 = 4, y3 = 1 }
531.208021416 System.RideShare.JOIN__CARPOOL{ cPool = ((1,15,250,(1,1)),((66,(4,2),(4,4)),(1,1)), pid = 49, x1 = 4, x2 = 1, y1 = 2, y2 = 3 }
531.208021416 System.RideShare.JOIN__CARPOOL{ cPool = ((1,15,250,(1,1)),((66,(4,2),(4,4)),(49,(4,2),(1,3))), pid = 47, x1 = 4, x2 = 2, y1 = 2, y2 = 1 }
531.208021416 System.RideShare.JOIN__CARPOOL{ cPool = ((1,15,250,(1,1)),((66,(4,2),(4,4)),(49,(4,2),(1,3)),(47,(4,2),(2,1))), pid = 60, x1 = 4, x2 = 3, y1 = 2, y2 = 1 }
536.904006371 System.passengers.new_passenger{ d = (3,2), pid = 79, s = (4,1) }
543.557251101 System.passengers.new_passenger{ d = (4,4), pid = 80, s = (2,3) }

544.208021416 System.RideShare.START__TRIP{ cPool = ((1,15,250,(1,1)),[(66,(4,2),(4,4)),(49,(4,2),(1,3)),(47,(4,2),(2,1)),(60,(4,2),(3,1))]), charge = 250, cid = 1, trips = 15, x3 = 1, y3 = 1 }
544.208021416 System.RideShare.DROP__OFF__PASS{ cPool = ((1,15,246,(4,2)),[(66,(4,2),(4,4)),(49,(4,2),(1,3)),(47,(4,2),(2,1)),(60,(4,2),(3,1))]) }
544.208021416 System.RideShare.DROP__OFF__PASS{ cPool = ((1,15,244,(4,4)),[(49,(4,2),(1,3)),(47,(4,2),(2,1)),(60,(4,2),(3,1))]) }
544.208021416 System.RideShare.DROP__OFF__PASS{ cPool = ((1,15,240,(1,3)),[(47,(4,2),(2,1)),(60,(4,2),(3,1))]) }
544.208021416 System.RideShare.DONE{ cPool = ((1,15,237,(2,1)),[(60,(4,2),(3,1))]) }
548.208021416 System.RideShare.CREATE__CARPOOL{ charge = 236, cid = 1, pid = 63, trips = 16, x1 = 3, x2 = 3, x3 = 3, y1 = 3, y2 = 1, y3 = 1 }
548.208021416 System.RideShare.JOIN__CARPOOL{ cPool = ((1,16,236,(3,1)),[(63,(3,3),(3,1))]), pid = 78, x1 = 3, x2 = 2, y1 = 3, y2 = 2 }
548.208021416 System.RideShare.JOIN__CARPOOL{ cPool = ((1,16,236,(3,1)),[(63,(3,3),(3,1)),(78,(3,3),(2,2))]), pid = 64, x1 = 3, x2 = 3, y1 = 3, y2 = 1 }
548.208021416 System.passengers.end_trip{ d = (3,1), i = 2, pid = 60, s_time = "414.079223522" }
551.208021416 System.passengers.end_trip{ d = (4,4), i = 2, pid = 66, s_time = "441.991430792" }
552.905863587 System.passengers.new_passenger{ d = (4,4), pid = 81, s = (4,2) }
554.208021416 System.passengers.end_trip{ d = (2,1), i = 3, pid = 47, s_time = "321.154357097" }
555.208021416 System.RideShare.START__TRIP{ cPool = ((1,16,236,(3,1)),[(63,(3,3),(3,1)),(78,(3,3),(2,2)),(64,(3,3),(3,1))]), charge = 236, cid = 1, trips = 16, x3 = 3, y3 = 1 }
555.208021416 System.RideShare.DROP__OFF__PASS{ cPool = ((1,16,234,(3,3)),[(63,(3,3),(3,1)),(78,(3,3),(2,2)),(64,(3,3),(3,1))]) }
555.208021416 System.RideShare.DROP__OFF__PASS{ cPool = ((1,16,232,(3,1)),[(78,(3,3),(2,2)),(64,(3,3),(3,1))]) }
555.208021416 System.RideShare.DONE{ cPool = ((1,16,230,(2,2)),[(64,(3,3),(3,1))]) }
557.208021416 System.passengers.end_trip{ d = (1,3), i = 4, pid = 49, s_time = "326.803809589" }
562.208021416 System.RideShare.CREATE__CARPOOL{ charge = 228, cid = 1, pid = 58, trips = 17, x1 = 3, x2 = 4, x3 = 3, y1 = 2, y2 = 2, y3 = 1 }
562.208021416 System.RideShare.JOIN__CARPOOL{ cPool = ((1,17,228,(3,1)),[(58,(3,2),(4,2))]), pid = 62, x1 = 3, x2 = 2, y1 = 2, y2 = 3 }
562.208021416 System.RideShare.JOIN__CARPOOL{ cPool = ((1,17,228,(3,1)),[(58,(3,2),(4,2)),(62,(3,2),(2,3))]), pid = 52, x1 = 3, x2 = 2, y1 = 2, y2 = 4 }
562.208021416 System.RideShare.JOIN__CARPOOL{ cPool = ((1,17,228,(3,1)),[(58,(3,2),(4,2)),(62,(3,2),(2,3)),(52,(3,2),(2,4))]), pid = 74, x1 = 3, x2 = 2, y1 = 2, y2 = 4 }
562.208021416 System.passengers.end_trip{ d = (3,1), i = 2, pid = 64, s_time = "419.316108119" }
562.208021416 System.passengers.end_trip{ d = (2,2), i = 2, pid = 78, s_time = "529.308465966" }
562.208021416 System.passengers.end_trip{ d = (3,1), i = 2, pid = 63, s_time = "418.085835858" }
566.208021416 System.RideShare.START__TRIP{ cPool = ((1,17,228,(3,1)),[(58,(3,2),(4,2)),(62,(3,2),(2,3)),(52,(3,2),(2,4)),(74,(3,2),(2,4))]), charge = 228, cid = 1, trips = 17, x3 = 3, y3 = 1 }
566.208021416 System.RideShare.DROP__OFF__PASS{ cPool = ((1,17,227,(3,2)),[(58,(3,2),(4,2)),(62,(3,2),(2,3)),(52,(3,2),(2,4)),(74,(3,2),(2,4))]) }
566.208021416 System.RideShare.DROP__OFF__PASS{ cPool = ((1,17,226,(4,2)),[(62,(3,2),(2,3)),(52,(3,2),(2,4)),(74,(3,2),(2,4))]) }
566.208021416 System.RideShare.DROP__OFF__PASS{ cPool = ((1,17,223,(2,3)),[(52,(3,2),(2,4)),(74,(3,2),(2,4))]) }
566.208021416 System.RideShare.DONE{ cPool = ((1,17,222,(2,4)),[(74,(3,2),(2,4))]) }
567.208021416 System.RideShare.CREATE__CARPOOL{ charge = 222, cid = 1, pid = 3, trips = 18, x1 = 2, x2 = 3, x3 = 2, y1 = 4, y2 = 4, y3 = 4 }
567.208021416 System.passengers.end_trip{ d = (2,4), i = 3, pid = 74, s_time = "490.426072953" }
568.208021416 System.RideShare.START__TRIP{ cPool = ((1,18,222,(2,4)),[(3,(2,4),(3,4))]), charge = 222, cid = 1, trips = 18, x3 = 2, y3 = 4 }
568.208021416 System.RideShare.DONE{ cPool = ((1,18,222,(2,4)),[(3,(2,4),(3,4))]) }
570.208021416 System.passengers.end_trip{ d = (2,4), i = 3, pid = 52, s_time = "339.220088817" }
570.208021416 System.passengers.end_trip{ d = (4,2), i = 1, pid = 58, s_time = "391.538893068" }
572.208021416 System.RideShare.CREATE__CARPOOL{ charge = 221, cid = 1, pid = 39, trips = 19, x1 = 1, x2 = 1, x3 = 3, y1 = 3, y2 = 2, y3 = 4 }
572.208021416 System.RideShare.JOIN__CARPOOL{ cPool = ((1,19,221,(3,4)),[(39,(1,3),(1,2))]), pid = 44, x1 = 1, x2 = 2, y1 = 3, y2 = 4 }
572.208021416 System.RideShare.JOIN__CARPOOL{ cPool = ((1,19,221,(3,4)),[(39,(1,3),(1,2)),(44,(1,3),(2,4))]), pid = 53, x1 = 1, x2 = 4, y1 = 3, y2 = 1 }
572.208021416 System.passengers.end_trip{ d = (3,4), i = 1, pid = 3, s_time = "11.1846000614" }
576.208021416 System.passengers.end_trip{ d = (2,3), i = 2, pid = 62, s_time = "417.264896653" }
580.310289081 System.passengers.new_passenger{ d = (4,1), pid = 82, s = (4,4) }
582.208021416 System.RideShare.START__TRIP{ cPool = ((1,19,221,(3,4)),[(39,(1,3),(1,2)),(44,(1,3),(2,4)),(53,(1,3),(4,1))]), charge = 221, cid = 1, trips = 19, x3 = 3, y3 = 4 }
582.208021416 System.RideShare.DROP__OFF__PASS{ cPool = ((1,19,218,(1,3)),[(39,(1,3),(1,2)),(44,(1,3),(2,4)),(53,(1,3),(4,1))]) }
582.208021416 System.RideShare.DROP__OFF__PASS{ cPool = ((1,19,217,(1,2)),[(44,(1,3),(2,4)),(53,(1,3),(4,1))]) }
582.208021416 System.RideShare.DONE{ cPool = ((1,19,214,(2,4)),[(53,(1,3),(4,1))]) }
586.208021416 System.passengers.end_trip{ d = (1,2), i = 1, pid = 39, s_time = "240.614830054" }
588.924707095 System.passengers.new_passenger{ d = (3,1), pid = 83, s = (3,3) }
592.208021416 System.passengers.end_trip{ d = (2,4), i = 2, pid = 44, s_time = "295.341587168" }
598.090516112 System.passengers.new_passenger{ d = (1,4), pid = 84, s = (2,2) }
598.208021416 System.passengers.end_trip{ d = (4,1), i = 5, pid = 53, s_time = "343.878089833" }
598.208021416 System.RideShare.CREATE__CARPOOL{ charge = 209, cid = 1, pid = 68, trips = 20, x1 = 4, x2 = 3, x3 = 4, y1 = 3, y2 = 2, y3 = 1 }
598.208021416 System.RideShare.JOIN__CARPOOL{ cPool = ((1,20,209,(4,1)),[(68,(4,3),(3,2))]), pid = 69, x1 = 4, x2 = 2, y1 = 3, y2 = 1 }
598.208021416 System.RideShare.JOIN__CARPOOL{ cPool = ((1,20,209,(4,1)),[(68,(4,3),(3,2)),(69,(4,3),(2,1))]), pid = 29, x1 = 4, x2 = 2, y1 = 3, y2 = 2 }
598.208021416 System.RideShare.JOIN__CARPOOL{ cPool = ((1,20,209,(4,1)),[(68,(4,3),(3,2)),(69,(4,3),(2,1)),(29,(4,3),(2,2))]), pid = 70, x1 = 4, x2 = 3, y1 = 3, y2 = 1 }
605.208021416 System.RideShare.START__TRIP{ cPool = ((1,20,209,(4,1)),[(68,(4,3),(3,2)),(69,(4,3),(2,1)),(29,(4,3),(2,2)),(70,(4,3),(3,1))]), charge = 209, cid = 1, trips = 20, x3 = 4, y3 = 1 }
605.208021416 System.RideShare.DROP__OFF__PASS{ cPool = ((1,20,207,(4,3)),[(68,(4,3),(3,2)),(69,(4,3),(2,1)),(29,(4,3),(2,2)),(70,(4,3),(3,1))]) }
605.208021416 System.RideShare.DROP__OFF__PASS{ cPool = ((1,20,205,(3,2)),[(69,(4,3),(2,1)),(29,(4,3),(2,2)),(70,(4,3),(3,1))]) }
605.208021416 System.RideShare.DROP__OFF__PASS{ cPool = ((1,20,203,(2,1)),[(69,(4,3),(2,2)),(70,(4,3),(3,1))]) }
605.208021416 System.RideShare.DONE{ cPool = ((1,20,202,(2,2)),[(70,(4,3),(3,1))]) }
609.137837393 System.passengers.new_passenger{ d = (2,2), pid = 85, s = (2,4) }
609.208021416 System.passengers.end_trip{ d = (2,2), i = 3, pid = 29, s_time = "168.117227079" }
612.208021416 System.passengers.end_trip{ d = (2,1), i = 4, pid = 69, s_time = "465.105697179" }
612.208021416 System.RideShare.NEED__CHARGE{ charge = 200, cid = 1, trips = 21, x3 = 3, y3 = 1 }
612.208021416 System.passengers.end_trip{ d = (3,1), i = 3, pid = 70, s_time = "467.165708658" }
612.208021416 System.passengers.end_trip{ d = (3,2), i = 2, pid = 68, s_time = "460.059286862" }
613.996732164 System.passengers.new_passenger{ d = (1,3), pid = 86, s = (2,3) }
618.208021416 System.RideShare.CHARGE{ charge = 198, cid = 1, t = 3, trips = 21, x3 = 1, y3 = 1 }
620.208021416 System.RideShare.CHARGE{ charge = 199, cid = 1, t = 3, trips = 21, x3 = 1, y3 = 1 }
621.056330204 System.passengers.new_passenger{ d = (2,4), pid = 87, s = (3,2) }

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622.140078621 System.passengers.new_passenger{ d = (4,1), pid = 88, s = (2,1) }
622.208021416 System.RideShare.CHARGE{ charge = 200, cid = 1, t = 2, trips = 21, x3 = 1, y3 = 1 }
622.927304823 System.passengers.new_passenger{ d = (1,2), pid = 89, s = (2,3) }
624.114159256 System.passengers.new_passenger{ d = (1,4), pid = 90, s = (1,2) }
624.208021416 System.RideShare.CHARGE{ charge = 201, cid = 1, t = 1, trips = 21, x3 = 1, y3 = 1 }
626.208021416 System.RideShare.CHARGE{ charge = 202, cid = 1, t = 1, trips = 21, x3 = 1, y3 = 1 }
626.008921544 System.passengers.new_passenger{ d = (3,3), pid = 91, s = (4,3) }
628.208021416 System.RideShare.CHARGE{ charge = 203, cid = 1, t = 2, trips = 21, x3 = 1, y3 = 1 }
628.617461998 System.passengers.new_passenger{ d = (3,1), pid = 92, s = (1,2) }
630.208021416 System.RideShare.CHARGE{ charge = 204, cid = 1, t = 1, trips = 21, x3 = 1, y3 = 1 }
630.593173302 System.passengers.new_passenger{ d = (3,2), pid = 93, s = (4,2) }
631.959704116 System.passengers.new_passenger{ d = (2,1), pid = 94, s = (4,4) }
632.208021416 System.RideShare.CHARGE{ charge = 205, cid = 1, t = 3, trips = 21, x3 = 1, y3 = 1 }
634.208021416 System.RideShare.CHARGE{ charge = 206, cid = 1, t = 1, trips = 21, x3 = 1, y3 = 1 }
636.208021416 System.RideShare.CHARGE{ charge = 207, cid = 1, t = 3, trips = 21, x3 = 1, y3 = 1 }
638.208021416 System.RideShare.CHARGE{ charge = 208, cid = 1, t = 3, trips = 21, x3 = 1, y3 = 1 }
640.208021416 System.RideShare.CHARGE{ charge = 209, cid = 1, t = 1, trips = 21, x3 = 1, y3 = 1 }
642.208021416 System.RideShare.CHARGE{ charge = 210, cid = 1, t = 2, trips = 21, x3 = 1, y3 = 1 }
644.208021416 System.RideShare.CHARGE{ charge = 211, cid = 1, t = 2, trips = 21, x3 = 1, y3 = 1 }
646.208021416 System.RideShare.CHARGE{ charge = 212, cid = 1, t = 1, trips = 21, x3 = 1, y3 = 1 }
648.208021416 System.RideShare.CHARGE{ charge = 213, cid = 1, t = 2, trips = 21, x3 = 1, y3 = 1 }
650.208021416 System.RideShare.CHARGE{ charge = 214, cid = 1, t = 1, trips = 21, x3 = 1, y3 = 1 }
652.208021416 System.RideShare.CHARGE{ charge = 215, cid = 1, t = 2, trips = 21, x3 = 1, y3 = 1 }
654.208021416 System.RideShare.CHARGE{ charge = 216, cid = 1, t = 1, trips = 21, x3 = 1, y3 = 1 }
656.208021416 System.RideShare.CHARGE{ charge = 217, cid = 1, t = 1, trips = 21, x3 = 1, y3 = 1 }
656.227123262 System.passengers.new_passenger{ d = (4,4), pid = 95, s = (2,2) }
658.208021416 System.RideShare.CHARGE{ charge = 218, cid = 1, t = 1, trips = 21, x3 = 1, y3 = 1 }
660.208021416 System.RideShare.CHARGE{ charge = 219, cid = 1, t = 1, trips = 21, x3 = 1, y3 = 1 }
662.208021416 System.RideShare.CHARGE{ charge = 220, cid = 1, t = 1, trips = 21, x3 = 1, y3 = 1 }
664.208021416 System.RideShare.CHARGE{ charge = 221, cid = 1, t = 3, trips = 21, x3 = 1, y3 = 1 }
665.90746387 System.passengers.new_passenger{ d = (4,2), pid = 96, s = (2,4) }
666.208021416 System.RideShare.CHARGE{ charge = 222, cid = 1, t = 2, trips = 21, x3 = 1, y3 = 1 }
666.840531871 System.passengers.new_passenger{ d = (3,1), pid = 97, s = (4,3) }
668.208021416 System.RideShare.CHARGE{ charge = 223, cid = 1, t = 3, trips = 21, x3 = 1, y3 = 1 }
670.208021416 System.RideShare.CHARGE{ charge = 224, cid = 1, t = 3, trips = 21, x3 = 1, y3 = 1 }
672.208021416 System.RideShare.CHARGE{ charge = 225, cid = 1, t = 3, trips = 21, x3 = 1, y3 = 1 }
674.208021416 System.RideShare.CHARGE{ charge = 226, cid = 1, t = 2, trips = 21, x3 = 1, y3 = 1 }
676.208021416 System.RideShare.CHARGE{ charge = 227, cid = 1, t = 2, trips = 21, x3 = 1, y3 = 1 }
678.208021416 System.RideShare.CHARGE{ charge = 228, cid = 1, t = 2, trips = 21, x3 = 1, y3 = 1 }
680.208021416 System.RideShare.CHARGE{ charge = 229, cid = 1, t = 1, trips = 21, x3 = 1, y3 = 1 }
682.208021416 System.RideShare.CHARGE{ charge = 230, cid = 1, t = 1, trips = 21, x3 = 1, y3 = 1 }
684.208021416 System.RideShare.CHARGE{ charge = 231, cid = 1, t = 3, trips = 21, x3 = 1, y3 = 1 }
685.312094875 System.passengers.new_passenger{ d = (3,2), pid = 98, s = (4,2) }
685.349431096 System.passengers.new_passenger{ d = (4,3), pid = 99, s = (1,2) }
686.208021416 System.RideShare.CHARGE{ charge = 232, cid = 1, t = 3, trips = 21, x3 = 1, y3 = 1 }
688.208021416 System.RideShare.CHARGE{ charge = 233, cid = 1, t = 1, trips = 21, x3 = 1, y3 = 1 }
688.746495531 System.passengers.new_passenger{ d = (1,2), pid = 100, s = (2,2) }
690.208021416 System.RideShare.CHARGE{ charge = 234, cid = 1, t = 1, trips = 21, x3 = 1, y3 = 1 }
692.126677109 System.passengers.new_passenger{ d = (2,4), pid = 101, s = (4,1) }
692.208021416 System.RideShare.CHARGE{ charge = 235, cid = 1, t = 2, trips = 21, x3 = 1, y3 = 1 }
694.208021416 System.RideShare.CHARGE{ charge = 236, cid = 1, t = 1, trips = 21, x3 = 1, y3 = 1 }
696.208021416 System.RideShare.CHARGE{ charge = 237, cid = 1, t = 2, trips = 21, x3 = 1, y3 = 1 }
698.208021416 System.RideShare.CHARGE{ charge = 238, cid = 1, t = 2, trips = 21, x3 = 1, y3 = 1 }
700.208021416 System.RideShare.CHARGE{ charge = 239, cid = 1, t = 2, trips = 21, x3 = 1, y3 = 1 }
702.208021416 System.RideShare.CHARGE{ charge = 240, cid = 1, t = 2, trips = 21, x3 = 1, y3 = 1 }
704.208021416 System.RideShare.CHARGE{ charge = 241, cid = 1, t = 1, trips = 21, x3 = 1, y3 = 1 }
705.148025181 System.passengers.new_passenger{ d = (1,3), pid = 102, s = (1,4) }
706.208021416 System.RideShare.CHARGE{ charge = 242, cid = 1, t = 3, trips = 21, x3 = 1, y3 = 1 }
706.39350996 System.passengers.new_passenger{ d = (4,3), pid = 103, s = (1,2) }
707.114217666 System.passengers.new_passenger{ d = (2,4), pid = 104, s = (3,2) }
707.521556692 System.passengers.new_passenger{ d = (3,1), pid = 105, s = (2,1) }
708.208021416 System.RideShare.CHARGE{ charge = 243, cid = 1, t = 3, trips = 21, x3 = 1, y3 = 1 }
710.208021416 System.RideShare.CHARGE{ charge = 244, cid = 1, t = 3, trips = 21, x3 = 1, y3 = 1 }
710.633169615 System.passengers.new_passenger{ d = (3,1), pid = 106, s = (1,4) }
712.208021416 System.RideShare.CHARGE{ charge = 245, cid = 1, t = 3, trips = 21, x3 = 1, y3 = 1 }
714.208021416 System.RideShare.CHARGE{ charge = 246, cid = 1, t = 1, trips = 21, x3 = 1, y3 = 1 }
716.208021416 System.RideShare.CHARGE{ charge = 247, cid = 1, t = 3, trips = 21, x3 = 1, y3 = 1 }
718.208021416 System.RideShare.CHARGE{ charge = 248, cid = 1, t = 2, trips = 21, x3 = 1, y3 = 1 }
720.208021416 System.RideShare.CHARGE{ charge = 249, cid = 1, t = 3, trips = 21, x3 = 1, y3 = 1 }
721.645227171 System.passengers.new_passenger{ d = (1,3), pid = 107, s = (3,1) }
722.208021416 System.RideShare.DONE__CHARGE{ charge = 250, cid = 1, trips = 21, x3 = 1, y3 = 1 }
722.208021416 System.RideShare.CREATE__CARPOOL{ charge = 250, cid = 1, pid = 98, trips = 21, x1 = 4, x2 = 3, x3 = 1, y1 = 2, y2 = 2, y3 = 1 }
722.208021416 System.RideShare.JOIN__CARPOOL{ cPool = ((1,21,250,(1,1)),[(98,(4,2),(3,2))]), pid = 81, x1 = 4, x2 = 4, y1 = 2, y2 = 4 }
722.208021416 System.RideShare.JOIN__CARPOOL{ cPool = ((1,21,250,(1,1)),[(98,(4,2),(3,2)),(81,(4,2),(4,4))]), pid = 77, x1 = 4, x2 = 3, y1 = 2, y2 = 2 }
722.208021416 System.RideShare.JOIN__CARPOOL{ cPool = ((1,21,250,(1,1)),[(98,(4,2),(3,2)),(81,(4,2),(4,4)),(77,(4,2),(3,2))]), pid = 93, x1 = 4, x2 = 3, y1 = 2, y2 = 2 }
725.809170311 System.passengers.new_passenger{ d = (4,4), pid = 108, s = (2,1) }
727.102390089 System.passengers.new_passenger{ d = (3,3), pid = 109, s = (2,1) }
728.425367299 System.passengers.new_passenger{ d = (3,1), pid = 110, s = (4,3) }

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734.342244411 System.passengers.new_passenger{ d = (1,2), pid = 111, s = (4,2) }
735.208021416 System.RideShare.START__TRIP{ cPool = ((1,21,250,(1,1)),[(98,(4,2),(3,2)),(81,(4,2),(4,4)),(77,(4,2),(3,2)),(93,(4,2),(3,2))]), charge =
250, cid = 1, trips = 21, x3 = 1, y3 = 1 }
735.208021416 System.RideShare.DROP__OFF__PASS{ cPool = ((1,21,246,(4,2)),[(98,(4,2),(3,2)),(81,(4,2),(4,4)),(77,(4,2),(3,2)),(93,(4,2),(3,2))]) }
735.208021416 System.RideShare.DROP__OFF__PASS{ cPool = ((1,21,245,(3,2)),[(81,(4,2),(4,4)),(77,(4,2),(3,2)),(93,(4,2),(3,2))]) }
735.208021416 System.RideShare.DROP__OFF__PASS{ cPool = ((1,21,242,(4,4)),[(77,(4,2),(3,2)),(93,(4,2),(3,2))]) }
735.208021416 System.RideShare.DONE{ cPool = ((1,21,239,(3,2)),[(93,(4,2),(3,2))]) }
736.208021416 System.RideShare.NEED__CHARGE{ charge = 239, cid = 1, trips = 22, x3 = 3, y3 = 2 }
736.208021416 System.passengers.end_trip{ d = (3,2), i = 1, pid = 93, s_time = "630.593173302" }
738.13362815 System.passengers.new_passenger{ d = (4,1), pid = 112, s = (1,3) }
739.208021416 System.passengers.end_trip{ d = (3,2), i = 1, pid = 98, s_time = "685.312094875" }
745.208021416 System.RideShare.CHARGE{ charge = 236, cid = 1, t = 2, trips = 22, x3 = 1, y3 = 1 }
745.208021416 System.passengers.end_trip{ d = (4,4), i = 2, pid = 81, s_time = "552.905863587" }
745.208021416 System.passengers.end_trip{ d = (3,2), i = 1, pid = 77, s_time = "527.371460047" }
747.208021416 System.RideShare.CHARGE{ charge = 237, cid = 1, t = 3, trips = 22, x3 = 1, y3 = 1 }
749.208021416 System.RideShare.CHARGE{ charge = 238, cid = 1, t = 1, trips = 22, x3 = 1, y3 = 1 }
751.208021416 System.RideShare.CHARGE{ charge = 239, cid = 1, t = 1, trips = 22, x3 = 1, y3 = 1 }
753.208021416 System.RideShare.CHARGE{ charge = 240, cid = 1, t = 3, trips = 22, x3 = 1, y3 = 1 }
755.208021416 System.RideShare.CHARGE{ charge = 241, cid = 1, t = 2, trips = 22, x3 = 1, y3 = 1 }
757.208021416 System.RideShare.CHARGE{ charge = 242, cid = 1, t = 1, trips = 22, x3 = 1, y3 = 1 }
759.059690684 System.passengers.new_passenger{ d = (4,2), pid = 113, s = (3,3) }
759.208021416 System.RideShare.CHARGE{ charge = 243, cid = 1, t = 1, trips = 22, x3 = 1, y3 = 1 }
761.208021416 System.RideShare.CHARGE{ charge = 244, cid = 1, t = 1, trips = 22, x3 = 1, y3 = 1 }
761.357082926 System.passengers.new_passenger{ d = (2,4), pid = 114, s = (1,4) }
763.208021416 System.RideShare.CHARGE{ charge = 245, cid = 1, t = 3, trips = 22, x3 = 1, y3 = 1 }
765.208021416 System.RideShare.CHARGE{ charge = 246, cid = 1, t = 3, trips = 22, x3 = 1, y3 = 1 }
767.208021416 System.RideShare.CHARGE{ charge = 247, cid = 1, t = 1, trips = 22, x3 = 1, y3 = 1 }
769.208021416 System.RideShare.CHARGE{ charge = 248, cid = 1, t = 3, trips = 22, x3 = 1, y3 = 1 }
771.208021416 System.RideShare.CHARGE{ charge = 249, cid = 1, t = 3, trips = 22, x3 = 1, y3 = 1 }
773.208021416 System.RideShare.DONE__CHARGE{ charge = 250, cid = 1, trips = 22, x3 = 1, y3 = 1 }
773.208021416 System.RideShare.CREATE__CARPOOL{ charge = 250, cid = 1, pid = 92, trips = 22, x1 = 1, x2 = 3, x3 = 1, y1 = 2, y2 = 1, y3 = 1 }
773.208021416 System.RideShare.JOIN__CARPOOL{ cPool = ((1,22,250,(1,1)),[(92,(1,2),(3,1))]), pid = 103, x1 = 1, x2 = 4, y1 = 2, y2 = 3 }
773.208021416 System.RideShare.JOIN__CARPOOL{ cPool = ((1,22,250,(1,1)),[(92,(1,2),(3,1)),(103,(1,2),(4,3))]), pid = 99, x1 = 1, x2 = 4, y1 = 2, y2 =
3 }
773.208021416 System.RideShare.JOIN__CARPOOL{ cPool = ((1,22,250,(1,1)),[(92,(1,2),(3,1)),(103,(1,2),(4,3)),(99,(1,2),(4,3))]), pid = 90, x1 = 1, x2 =
1, y1 = 2, y2 = 4 }
774.095003063 System.passengers.new_passenger{ d = (3,3), pid = 115, s = (2,2) }
775.343807082 System.passengers.new_passenger{ d = (1,3), pid = 116, s = (3,2) }
775.439276084 System.passengers.new_passenger{ d = (2,3), pid = 117, s = (4,3) }
777.208021416 System.RideShare.START__TRIP{ cPool = ((1,22,250,(1,1)),[(92,(1,2),(3,1)),(103,(1,2),(4,3)),(99,(1,2),(4,3)),(90,(1,2),(1,4))]), charge =
250, cid = 1, trips = 22, x3 = 1, y3 = 1 }
777.208021416 System.RideShare.DROP__OFF__PASS{ cPool = ((1,22,249,(1,2)),[(92,(1,2),(3,1)),(103,(1,2),(4,3)),(99,(1,2),(4,3)),(90,(1,2),(1,4))]) }
777.208021416 System.RideShare.DROP__OFF__PASS{ cPool = ((1,22,246,(3,1)),[(103,(1,2),(4,3)),(99,(1,2),(4,3)),(90,(1,2),(1,4))]) }
777.208021416 System.RideShare.DROP__OFF__PASS{ cPool = ((1,22,243,(4,3)),[(99,(1,2),(4,3)),(90,(1,2),(1,4))]) }
777.208021416 System.RideShare.DONE{ cPool = ((1,22,243,(4,3)),[(90,(1,2),(1,4))]) }
778.208021416 System.passengers.end_trip{ d = (4,3), i = 4, pid = 99, s_time = "685.349431096" }
785.786690246 System.passengers.new_passenger{ d = (3,3), pid = 118, s = (2,3) }
787.208021416 System.passengers.end_trip{ d = (3,1), i = 3, pid = 92, s_time = "628.617461998" }
787.208021416 System.passengers.end_trip{ d = (4,3), i = 4, pid = 103, s_time = "706.39350996" }
790.208021416 System.RideShare.NEED__CHARGE{ charge = 239, cid = 1, trips = 23, x3 = 1, y3 = 4 }
790.208021416 System.passengers.end_trip{ d = (1,4), i = 2, pid = 90, s_time = "624.114159256" }
793.429374079 System.passengers.new_passenger{ d = (4,2), pid = 119, s = (3,4) }
798.90074931 System.passengers.new_passenger{ d = (2,2), pid = 120, s = (4,3) }
799.208021416 System.RideShare.CHARGE{ charge = 236, cid = 1, t = 3, trips = 23, x3 = 1, y3 = 1 }
801.208021416 System.RideShare.CHARGE{ charge = 237, cid = 1, t = 3, trips = 23, x3 = 1, y3 = 1 }
803.208021416 System.RideShare.CHARGE{ charge = 238, cid = 1, t = 1, trips = 23, x3 = 1, y3 = 1 }
805.208021416 System.RideShare.CHARGE{ charge = 239, cid = 1, t = 3, trips = 23, x3 = 1, y3 = 1 }
807.208021416 System.RideShare.CHARGE{ charge = 240, cid = 1, t = 1, trips = 23, x3 = 1, y3 = 1 }
809.208021416 System.RideShare.CHARGE{ charge = 241, cid = 1, t = 1, trips = 23, x3 = 1, y3 = 1 }
811.208021416 System.RideShare.CHARGE{ charge = 242, cid = 1, t = 3, trips = 23, x3 = 1, y3 = 1 }
813.208021416 System.RideShare.CHARGE{ charge = 243, cid = 1, t = 3, trips = 23, x3 = 1, y3 = 1 }
815.208021416 System.RideShare.CHARGE{ charge = 244, cid = 1, t = 1, trips = 23, x3 = 1, y3 = 1 }
817.208021416 System.RideShare.CHARGE{ charge = 245, cid = 1, t = 3, trips = 23, x3 = 1, y3 = 1 }
819.208021416 System.RideShare.CHARGE{ charge = 246, cid = 1, t = 3, trips = 23, x3 = 1, y3 = 1 }
821.208021416 System.RideShare.CHARGE{ charge = 247, cid = 1, t = 2, trips = 23, x3 = 1, y3 = 1 }
823.208021416 System.RideShare.CHARGE{ charge = 248, cid = 1, t = 1, trips = 23, x3 = 1, y3 = 1 }
825.208021416 System.RideShare.CHARGE{ charge = 249, cid = 1, t = 1, trips = 23, x3 = 1, y3 = 1 }
827.208021416 System.RideShare.DONE__CHARGE{ charge = 250, cid = 1, trips = 23, x3 = 1, y3 = 1 }
827.208021416 System.RideShare.CREATE__CARPOOL{ charge = 250, cid = 1, pid = 27, trips = 23, x1 = 1, x2 = 3, x3 = 1, y1 = 4, y2 = 2, y3 = 1 }
827.208021416 System.RideShare.JOIN__CARPOOL{ cPool = ((1,23,250,(1,1)),[(27,(1,4),(3,2))]), pid = 114, x1 = 1, x2 = 2, y1 = 4, y2 = 4 }
827.208021416 System.RideShare.JOIN__CARPOOL{ cPool = ((1,23,250,(1,1)),[(27,(1,4),(3,2)),(114,(1,4),(2,4))]), pid = 25, x1 = 1, x2 = 2, y1 = 4, y2 =
4 }
827.208021416 System.RideShare.JOIN__CARPOOL{ cPool = ((1,23,250,(1,1)),[(27,(1,4),(3,2)),(114,(1,4),(2,4)),(25,(1,4),(2,4))]), pid = 106, x1 = 1, x2
= 3, y1 = 4, y2 = 1 }
837.208021416 System.RideShare.START__TRIP{ cPool = ((1,23,250,(1,1)),[(27,(1,4),(3,2)),(114,(1,4),(2,4)),(25,(1,4),(2,4)),(106,(1,4),(3,1))]), charge =
250, cid = 1, trips = 23, x3 = 1, y3 = 1 }
837.208021416 System.RideShare.DROP__OFF__PASS{ cPool = ((1,23,247,(1,4)),[(27,(1,4),(3,2)),(114,(1,4),(2,4)),(25,(1,4),(2,4)),(106,(1,4),(3,1))]) }
837.208021416 System.RideShare.DROP__OFF__PASS{ cPool = ((1,23,243,(3,2)),[(114,(1,4),(2,4)),(25,(1,4),(2,4)),(106,(1,4),(3,1))]) }
837.208021416 System.RideShare.DROP__OFF__PASS{ cPool = ((1,23,240,(2,4)),[(25,(1,4),(2,4)),(106,(1,4),(3,1))]) }
837.208021416 System.RideShare.DONE{ cPool = ((1,23,240,(2,4)),[(106,(1,4),(3,1))]) }

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838.208021416 System.passengers.end_trip{ d = (2,4), i = 1, pid = 25, s_time = "127.751252474" }
847.208021416 System.passengers.end_trip{ d = (2,4), i = 1, pid = 114, s_time = "761.357082926" }
850.208021416 System.passengers.end_trip{ d = (3,2), i = 4, pid = 27, s_time = "159.982491173" }
850.208021416 System.passengers.end_trip{ d = (3,1), i = 5, pid = 106, s_time = "710.633169615" }
850.208021416 System.RideShare.CREATE__CARPOOL{ charge = 236, cid = 1, pid = 110, trips = 24, x1 = 4, x2 = 3, x3 = 3, y1 = 3, y2 = 1, y3 = 1 }
850.208021416 System.RideShare.JOIN__CARPOOL{ cPool = ((1,24,236,(3,1)),((110,(4,3),(3,1))))}, pid = 26, x1 = 4, x2 = 1, y1 = 3, y2 = 2 }
850.208021416 System.RideShare.JOIN__CARPOOL{ cPool = ((1,24,236,(3,1)),((110,(4,3),(3,1)),(26,(4,3),(1,2))))}, pid = 91, x1 = 4, x2 = 3, y1 = 3, y2 = 3 }
850.208021416 System.RideShare.JOIN__CARPOOL{ cPool = ((1,24,236,(3,1)),((110,(4,3),(3,1)),(26,(4,3),(1,2)),(91,(4,3),(3,3))))}, pid = 117, x1 = 4, x2 = 2, y1 = 3, y2 = 3 }
860.208021416 System.RideShare.START__TRIP{ cPool = ((1,24,236,(3,1)),((110,(4,3),(3,1)),(26,(4,3),(1,2)),(91,(4,3),(3,3)),(117,(4,3),(2,3))))}, charge = 236, cid = 1, trips = 24, x3 = 3, y3 = 1 }
860.208021416 System.RideShare.DROP__OFF__PASS{ cPool = ((1,24,233,(4,3)),((110,(4,3),(3,1)),(26,(4,3),(1,2)),(91,(4,3),(3,3)),(117,(4,3),(2,3)))) }
860.208021416 System.RideShare.DROP__OFF__PASS{ cPool = ((1,24,230,(3,1)),((26,(4,3),(1,2)),(91,(4,3),(3,3)),(117,(4,3),(2,3)))) }
860.208021416 System.RideShare.DROP__OFF__PASS{ cPool = ((1,24,227,(1,2)),((91,(4,3),(3,3)),(117,(4,3),(2,3)))) }
860.208021416 System.RideShare.DONE{ cPool = ((1,24,224,(3,3)),((117,(4,3),(2,3)))) }
864.208021416 System.passengers.end_trip{ d = (2,3), i = 2, pid = 117, s_time = "775.439276084" }
864.208021416 System.RideShare.CREATE__CARPOOL{ charge = 223, cid = 1, pid = 86, trips = 25, x1 = 2, x2 = 1, x3 = 2, y1 = 3, y2 = 3, y3 = 3 }
864.208021416 System.RideShare.JOIN__CARPOOL{ cPool = ((1,25,223,(2,3)),((86,(2,3),(1,3))))}, pid = 75, x1 = 2, x2 = 3, y1 = 3, y2 = 2 }
864.208021416 System.RideShare.JOIN__CARPOOL{ cPool = ((1,25,223,(2,3)),((86,(2,3),(1,3)),(75,(2,3),(3,2))))}, pid = 80, x1 = 2, x2 = 4, y1 = 3, y2 = 4 }
864.208021416 System.RideShare.JOIN__CARPOOL{ cPool = ((1,25,223,(2,3)),((86,(2,3),(1,3)),(75,(2,3),(3,2)),(80,(2,3),(4,4))))}, pid = 57, x1 = 2, x2 = 3, y1 = 3, y2 = 2 }
865.208021416 System.RideShare.START__TRIP{ cPool = ((1,25,223,(2,3)),((86,(2,3),(1,3)),(75,(2,3),(3,2)),(80,(2,3),(4,4)),(57,(2,3),(3,2))))}, charge = 223, cid = 1, trips = 25, x3 = 2, y3 = 3 }
865.208021416 System.RideShare.DROP__OFF__PASS{ cPool = ((1,25,223,(2,3)),((86,(2,3),(1,3)),(75,(2,3),(3,2)),(80,(2,3),(4,4)),(57,(2,3),(3,2)))) }
865.208021416 System.RideShare.DROP__OFF__PASS{ cPool = ((1,25,222,(1,3)),((75,(2,3),(3,2)),(80,(2,3),(4,4)),(57,(2,3),(3,2)))) }
865.208021416 System.RideShare.DROP__OFF__PASS{ cPool = ((1,25,219,(3,2)),((80,(2,3),(4,4)),(57,(2,3),(3,2)))) }
865.208021416 System.RideShare.DONE{ cPool = ((1,25,216,(4,4)),((57,(2,3),(3,2)))) }
869.208021416 System.passengers.end_trip{ d = (1,3), i = 1, pid = 86, s_time = "613.996732164" }
870.208021416 System.passengers.end_trip{ d = (3,1), i = 3, pid = 110, s_time = "728.425367299" }
870.208021416 System.passengers.end_trip{ d = (1,2), i = 4, pid = 26, s_time = "131.910602774" }
870.208021416 System.passengers.end_trip{ d = (3,3), i = 1, pid = 91, s_time = "628.008921544" }
875.208021416 System.RideShare.NEED__CHARGE{ charge = 213, cid = 1, trips = 26, x3 = 3, y3 = 2 }
875.208021416 System.passengers.end_trip{ d = (4,4), i = 3, pid = 80, s_time = "543.557251101" }
875.208021416 System.passengers.end_trip{ d = (3,2), i = 2, pid = 57, s_time = "387.558191809" }
875.208021416 System.passengers.end_trip{ d = (3,2), i = 2, pid = 75, s_time = "491.702301709" }
884.208021416 System.RideShare.CHARGE{ charge = 210, cid = 1, t = 2, trips = 26, x3 = 1, y3 = 1 }
886.208021416 System.RideShare.CHARGE{ charge = 211, cid = 1, t = 3, trips = 26, x3 = 1, y3 = 1 }
888.208021416 System.RideShare.CHARGE{ charge = 212, cid = 1, t = 3, trips = 26, x3 = 1, y3 = 1 }
890.208021416 System.RideShare.CHARGE{ charge = 213, cid = 1, t = 1, trips = 26, x3 = 1, y3 = 1 }
892.208021416 System.RideShare.CHARGE{ charge = 214, cid = 1, t = 3, trips = 26, x3 = 1, y3 = 1 }
894.208021416 System.RideShare.CHARGE{ charge = 215, cid = 1, t = 3, trips = 26, x3 = 1, y3 = 1 }
896.208021416 System.RideShare.CHARGE{ charge = 216, cid = 1, t = 1, trips = 26, x3 = 1, y3 = 1 }
898.208021416 System.RideShare.CHARGE{ charge = 217, cid = 1, t = 2, trips = 26, x3 = 1, y3 = 1 }
900.208021416 System.RideShare.CHARGE{ charge = 218, cid = 1, t = 3, trips = 26, x3 = 1, y3 = 1 }
902.208021416 System.RideShare.CHARGE{ charge = 219, cid = 1, t = 1, trips = 26, x3 = 1, y3 = 1 }
904.208021416 System.RideShare.CHARGE{ charge = 220, cid = 1, t = 2, trips = 26, x3 = 1, y3 = 1 }
906.208021416 System.RideShare.CHARGE{ charge = 221, cid = 1, t = 2, trips = 26, x3 = 1, y3 = 1 }
908.208021416 System.RideShare.CHARGE{ charge = 222, cid = 1, t = 2, trips = 26, x3 = 1, y3 = 1 }
910.208021416 System.RideShare.CHARGE{ charge = 223, cid = 1, t = 2, trips = 26, x3 = 1, y3 = 1 }
912.208021416 System.RideShare.CHARGE{ charge = 224, cid = 1, t = 1, trips = 26, x3 = 1, y3 = 1 }
914.208021416 System.RideShare.CHARGE{ charge = 225, cid = 1, t = 2, trips = 26, x3 = 1, y3 = 1 }
916.208021416 System.RideShare.CHARGE{ charge = 226, cid = 1, t = 3, trips = 26, x3 = 1, y3 = 1 }
918.208021416 System.RideShare.CHARGE{ charge = 227, cid = 1, t = 1, trips = 26, x3 = 1, y3 = 1 }
920.208021416 System.RideShare.CHARGE{ charge = 228, cid = 1, t = 2, trips = 26, x3 = 1, y3 = 1 }
922.208021416 System.RideShare.CHARGE{ charge = 229, cid = 1, t = 1, trips = 26, x3 = 1, y3 = 1 }
924.208021416 System.RideShare.CHARGE{ charge = 230, cid = 1, t = 2, trips = 26, x3 = 1, y3 = 1 }
926.208021416 System.RideShare.CHARGE{ charge = 231, cid = 1, t = 2, trips = 26, x3 = 1, y3 = 1 }
928.208021416 System.RideShare.CHARGE{ charge = 232, cid = 1, t = 2, trips = 26, x3 = 1, y3 = 1 }
930.208021416 System.RideShare.CHARGE{ charge = 233, cid = 1, t = 1, trips = 26, x3 = 1, y3 = 1 }
932.208021416 System.RideShare.CHARGE{ charge = 234, cid = 1, t = 3, trips = 26, x3 = 1, y3 = 1 }
934.208021416 System.RideShare.CHARGE{ charge = 235, cid = 1, t = 1, trips = 26, x3 = 1, y3 = 1 }
936.208021416 System.RideShare.CHARGE{ charge = 236, cid = 1, t = 2, trips = 26, x3 = 1, y3 = 1 }
938.208021416 System.RideShare.CHARGE{ charge = 237, cid = 1, t = 3, trips = 26, x3 = 1, y3 = 1 }
940.208021416 System.RideShare.CHARGE{ charge = 238, cid = 1, t = 2, trips = 26, x3 = 1, y3 = 1 }
942.208021416 System.RideShare.CHARGE{ charge = 239, cid = 1, t = 2, trips = 26, x3 = 1, y3 = 1 }
944.208021416 System.RideShare.CHARGE{ charge = 240, cid = 1, t = 1, trips = 26, x3 = 1, y3 = 1 }
946.208021416 System.RideShare.CHARGE{ charge = 241, cid = 1, t = 2, trips = 26, x3 = 1, y3 = 1 }
948.208021416 System.RideShare.CHARGE{ charge = 242, cid = 1, t = 3, trips = 26, x3 = 1, y3 = 1 }
950.208021416 System.RideShare.CHARGE{ charge = 243, cid = 1, t = 3, trips = 26, x3 = 1, y3 = 1 }
952.208021416 System.RideShare.CHARGE{ charge = 244, cid = 1, t = 1, trips = 26, x3 = 1, y3 = 1 }
954.208021416 System.RideShare.CHARGE{ charge = 245, cid = 1, t = 1, trips = 26, x3 = 1, y3 = 1 }
956.208021416 System.RideShare.CHARGE{ charge = 246, cid = 1, t = 2, trips = 26, x3 = 1, y3 = 1 }
958.208021416 System.RideShare.CHARGE{ charge = 247, cid = 1, t = 2, trips = 26, x3 = 1, y3 = 1 }
960.208021416 System.RideShare.CHARGE{ charge = 248, cid = 1, t = 2, trips = 26, x3 = 1, y3 = 1 }
962.208021416 System.RideShare.CHARGE{ charge = 249, cid = 1, t = 3, trips = 26, x3 = 1, y3 = 1 }
964.208021416 System.RideShare.DONE__CHARGE{ charge = 250, cid = 1, trips = 26, x3 = 1, y3 = 1 }
964.208021416 System.RideShare.CREATE__CARPOOL{ charge = 250, cid = 1, pid = 96, trips = 26, x1 = 2, x2 = 4, x3 = 1, y1 = 4, y2 = 2, y3 = 1 }
964.208021416 System.RideShare.JOIN__CARPOOL{ cPool = ((1,26,250,(1,1)),((96,(2,4),(4,2))))}, pid = 85, x1 = 2, x2 = 2, y1 = 4, y2 = 2 }

977.208021416 System.RideShare.START__TRIP{ cPool = ((1,26,250,(1,1)),[(96,(2,4),(4,2)),(85,(2,4),(2,2))]), charge = 250, cid = 1, trips = 26, x3 = 1, y3 = 1 }

977.208021416 System.RideShare.DROP__OFF__PASS{ cPool = ((1,26,246,(2,4)),[(96,(2,4),(4,2)),(85,(2,4),(2,2))]) }

977.208021416 System.RideShare.DONE{ cPool = ((1,26,242,(4,2)),[(85,(2,4),(2,2))]) }

984.208021416 System.RideShare.NEED__CHARGE{ charge = 240, cid = 1, trips = 27, x3 = 2, y3 = 2 }

984.208021416 System.passengers.end_trip{ d = (2,2), i = 2, pid = 85, s_time = "609.137837393" }

990.208021416 System.RideShare.CHARGE{ charge = 238, cid = 1, t = 2, trips = 27, x3 = 1, y3 = 1 }

990.208021416 System.passengers.end_trip{ d = (4,2), i = 4, pid = 96, s_time = "665.90746387" }

992.208021416 System.RideShare.CHARGE{ charge = 239, cid = 1, t = 1, trips = 27, x3 = 1, y3 = 1 }

994.208021416 System.RideShare.CHARGE{ charge = 240, cid = 1, t = 3, trips = 27, x3 = 1, y3 = 1 }

996.208021416 System.RideShare.CHARGE{ charge = 241, cid = 1, t = 1, trips = 27, x3 = 1, y3 = 1 }

998.208021416 System.RideShare.CHARGE{ charge = 242, cid = 1, t = 3, trips = 27, x3 = 1, y3 = 1 }

1000.20802142 System.RideShare.CHARGE{ charge = 243, cid = 1, t = 1, trips = 27, x3 = 1, y3 = 1 }

1002.20802142 System.RideShare.CHARGE{ charge = 244, cid = 1, t = 2, trips = 27, x3 = 1, y3 = 1 }

1004.20802142 System.RideShare.CHARGE{ charge = 245, cid = 1, t = 2, trips = 27, x3 = 1, y3 = 1 }

1006.20802142 System.RideShare.CHARGE{ charge = 246, cid = 1, t = 2, trips = 27, x3 = 1, y3 = 1 }

1008.20802142 System.RideShare.CHARGE{ charge = 247, cid = 1, t = 3, trips = 27, x3 = 1, y3 = 1 }

1010.20802142 System.RideShare.CHARGE{ charge = 248, cid = 1, t = 3, trips = 27, x3 = 1, y3 = 1 }

1012.20802142 System.RideShare.CHARGE{ charge = 249, cid = 1, t = 3, trips = 27, x3 = 1, y3 = 1 }

1014.20802142 System.RideShare.DONE__CHARGE{ charge = 250, cid = 1, trips = 27, x3 = 1, y3 = 1 }

1014.20802142 System.RideShare.CREATE__CARPOOL{ charge = 250, cid = 1, pid = 107, trips = 27, x1 = 3, x2 = 1, x3 = 1, y1 = 1, y2 = 3, y3 = 1 }

1014.20802142 System.RideShare.JOIN__CARPOOL{ cPool = ((1,27,250,(1,1)),[(107,(3,1),(1,3))]), pid = 36, x1 = 3, x2 = 4, y1 = 1, y2 = 2 }

1014.20802142 System.RideShare.JOIN__CARPOOL{ cPool = ((1,27,250,(1,1)),[(107,(3,1),(1,3)),(36,(3,1),(4,2))]), pid = 45, x1 = 3, x2 = 1, y1 = 1, y2 = 2 }

1014.20802142 System.RideShare.JOIN__CARPOOL{ cPool = ((1,27,250,(1,1)),[(107,(3,1),(1,3)),(36,(3,1),(4,2)),(45,(3,1),(1,2))]), pid = 59, x1 = 3, x2 = 1, y1 = 1, y2 = 4 }

1021.20802142 System.RideShare.START__TRIP{ cPool = ((1,27,250,(1,1)),[(107,(3,1),(1,3)),(36,(3,1),(4,2)),(45,(3,1),(1,2)),(59,(3,1),(1,4))]), charge = 250, cid = 1, trips = 27, x3 = 1, y3 = 1 }

1021.20802142 System.RideShare.DROP__OFF__PASS{ cPool = ((1,27,248,(3,1)),[(107,(3,1),(1,3)),(36,(3,1),(4,2)),(45,(3,1),(1,2)),(59,(3,1),(1,4))]) }

1021.20802142 System.RideShare.DROP__OFF__PASS{ cPool = ((1,27,244,(1,3)),[(36,(3,1),(4,2)),(45,(3,1),(1,2)),(59,(3,1),(1,4))]) }

1021.20802142 System.RideShare.DROP__OFF__PASS{ cPool = ((1,27,240,(4,2)),[(45,(3,1),(1,2)),(59,(3,1),(1,4))]) }

1021.20802142 System.RideShare.DONE{ cPool = ((1,27,237,(1,2)),[(59,(3,1),(1,4))]) }

1028.20802142 System.RideShare.CREATE__CARPOOL{ charge = 235, cid = 1, pid = 84, trips = 28, x1 = 2, x2 = 1, x3 = 1, y1 = 2, y2 = 4, y3 = 4 }

1028.20802142 System.RideShare.JOIN__CARPOOL{ cPool = ((1,28,235,(1,4)),[(84,(2,2),(1,4))]), pid = 33, x1 = 2, x2 = 4, y1 = 2, y2 = 3 }

1028.20802142 System.RideShare.JOIN__CARPOOL{ cPool = ((1,28,235,(1,4)),[(84,(2,2),(1,4)),(33,(2,2),(4,3))]), pid = 115, x1 = 2, x2 = 3, y1 = 2, y2 = 3 }

1028.20802142 System.RideShare.JOIN__CARPOOL{ cPool = ((1,28,235,(1,4)),[(84,(2,2),(1,4)),(33,(2,2),(4,3)),(115,(2,2),(3,3))]), pid = 95, x1 = 2, x2 = 4, y1 = 2, y2 = 4 }

1028.20802142 System.passengers.end_trip{ d = (1,4), i = 5, pid = 59, s_time = "404.776887972" }

1031.20802142 System.passengers.end_trip{ d = (1,2), i = 3, pid = 45, s_time = "296.64355814" }

1034.20802142 System.passengers.end_trip{ d = (1,3), i = 4, pid = 107, s_time = "721.645227171" }

1034.20802142 System.passengers.end_trip{ d = (4,2), i = 2, pid = 36, s_time = "225.042153192" }

1038.20802142 System.RideShare.START__TRIP{ cPool = ((1,28,235,(1,4)),[(84,(2,2),(1,4)),(33,(2,2),(4,3)),(115,(2,2),(3,3)),(95,(2,2),(4,4))]), charge = 235, cid = 1, trips = 28, x3 = 1, y3 = 4 }

1038.20802142 System.RideShare.DROP__OFF__PASS{ cPool = ((1,28,232,(2,2)),[(84,(2,2),(1,4)),(33,(2,2),(4,3)),(115,(2,2),(3,3)),(95,(2,2),(4,4))]) }

1038.20802142 System.RideShare.DROP__OFF__PASS{ cPool = ((1,28,229,(1,4)),[(33,(2,2),(4,3)),(115,(2,2),(3,3)),(95,(2,2),(4,4))]) }

1038.20802142 System.RideShare.DROP__OFF__PASS{ cPool = ((1,28,225,(4,3)),[(115,(2,2),(3,3)),(95,(2,2),(4,4))]) }

1038.20802142 System.RideShare.DONE{ cPool = ((1,28,224,(3,3)),[(95,(2,2),(4,4))]) }

1042.20802142 System.passengers.end_trip{ d = (3,3), i = 2, pid = 115, s_time = "774.095003063" }

1045.20802142 System.passengers.end_trip{ d = (4,4), i = 4, pid = 95, s_time = "656.227123262" }

1045.20802142 System.RideShare.NEED__CHARGE{ charge = 222, cid = 1, trips = 29, x3 = 4, y3 = 4 }

1048.20802142 System.passengers.end_trip{ d = (1,4), i = 3, pid = 84, s_time = "598.090516112" }

1051.20802142 System.passengers.end_trip{ d = (4,3), i = 3, pid = 33, s_time = "203.557454375" }

1063.20802142 System.RideShare.CHARGE{ charge = 216, cid = 1, t = 2, trips = 29, x3 = 1, y3 = 1 }

1065.20802142 System.RideShare.CHARGE{ charge = 217, cid = 1, t = 2, trips = 29, x3 = 1, y3 = 1 }

1067.20802142 System.RideShare.CHARGE{ charge = 218, cid = 1, t = 3, trips = 29, x3 = 1, y3 = 1 }

1069.20802142 System.RideShare.CHARGE{ charge = 219, cid = 1, t = 1, trips = 29, x3 = 1, y3 = 1 }

1071.20802142 System.RideShare.CHARGE{ charge = 220, cid = 1, t = 3, trips = 29, x3 = 1, y3 = 1 }

1073.20802142 System.RideShare.CHARGE{ charge = 221, cid = 1, t = 3, trips = 29, x3 = 1, y3 = 1 }

1075.20802142 System.RideShare.CHARGE{ charge = 222, cid = 1, t = 1, trips = 29, x3 = 1, y3 = 1 }

1077.20802142 System.RideShare.CHARGE{ charge = 223, cid = 1, t = 3, trips = 29, x3 = 1, y3 = 1 }

1079.20802142 System.RideShare.CHARGE{ charge = 224, cid = 1, t = 3, trips = 29, x3 = 1, y3 = 1 }

1081.20802142 System.RideShare.CHARGE{ charge = 225, cid = 1, t = 1, trips = 29, x3 = 1, y3 = 1 }

1083.20802142 System.RideShare.CHARGE{ charge = 226, cid = 1, t = 2, trips = 29, x3 = 1, y3 = 1 }

1085.20802142 System.RideShare.CHARGE{ charge = 227, cid = 1, t = 1, trips = 29, x3 = 1, y3 = 1 }

1087.20802142 System.RideShare.CHARGE{ charge = 228, cid = 1, t = 3, trips = 29, x3 = 1, y3 = 1 }

1089.20802142 System.RideShare.CHARGE{ charge = 229, cid = 1, t = 3, trips = 29, x3 = 1, y3 = 1 }

1091.20802142 System.RideShare.CHARGE{ charge = 230, cid = 1, t = 1, trips = 29, x3 = 1, y3 = 1 }

1093.20802142 System.RideShare.CHARGE{ charge = 231, cid = 1, t = 3, trips = 29, x3 = 1, y3 = 1 }

1095.20802142 System.RideShare.CHARGE{ charge = 232, cid = 1, t = 1, trips = 29, x3 = 1, y3 = 1 }

1097.20802142 System.RideShare.CHARGE{ charge = 233, cid = 1, t = 1, trips = 29, x3 = 1, y3 = 1 }

1099.20802142 System.RideShare.CHARGE{ charge = 234, cid = 1, t = 3, trips = 29, x3 = 1, y3 = 1 }

1101.20802142 System.RideShare.CHARGE{ charge = 235, cid = 1, t = 3, trips = 29, x3 = 1, y3 = 1 }

1103.20802142 System.RideShare.CHARGE{ charge = 236, cid = 1, t = 1, trips = 29, x3 = 1, y3 = 1 }

1105.20802142 System.RideShare.CHARGE{ charge = 237, cid = 1, t = 3, trips = 29, x3 = 1, y3 = 1 }

1107.20802142 System.RideShare.CHARGE{ charge = 238, cid = 1, t = 3, trips = 29, x3 = 1, y3 = 1 }

1109.20802142 System.RideShare.CHARGE{ charge = 239, cid = 1, t = 2, trips = 29, x3 = 1, y3 = 1 }

1111.20802142 System.RideShare.CHARGE{ charge = 240, cid = 1, t = 3, trips = 29, x3 = 1, y3 = 1 }

1113.20802142 System.RideShare.CHARGE{ charge = 241, cid = 1, t = 3, trips = 29, x3 = 1, y3 = 1 }

1115.20802142 System.RideShare.CHARGE{ charge = 242, cid = 1, t = 1, trips = 29, x3 = 1, y3 = 1 }

1117.20802142 System.RideShare.CHARGE{ charge = 243, cid = 1, t = 2, trips = 29, x3 = 1, y3 = 1 }
 1119.20802142 System.RideShare.CHARGE{ charge = 244, cid = 1, t = 1, trips = 29, x3 = 1, y3 = 1 }
 1121.20802142 System.RideShare.CHARGE{ charge = 245, cid = 1, t = 1, trips = 29, x3 = 1, y3 = 1 }
 1123.20802142 System.RideShare.CHARGE{ charge = 246, cid = 1, t = 3, trips = 29, x3 = 1, y3 = 1 }
 1125.20802142 System.RideShare.CHARGE{ charge = 247, cid = 1, t = 3, trips = 29, x3 = 1, y3 = 1 }
 1127.20802142 System.RideShare.CHARGE{ charge = 248, cid = 1, t = 2, trips = 29, x3 = 1, y3 = 1 }
 1129.20802142 System.RideShare.CHARGE{ charge = 249, cid = 1, t = 2, trips = 29, x3 = 1, y3 = 1 }
 1131.20802142 System.RideShare.DONE__CHARGE{ charge = 250, cid = 1, trips = 29, x3 = 1, y3 = 1 }
 1131.20802142 System.RideShare.CREATE__CARPOOL{ charge = 250, cid = 1, pid = 18, trips = 29, x1 = 2, x2 = 1, x3 = 1, y1 = 3, y2 = 4, y3 = 1 }
 1131.20802142 System.RideShare.JOIN__CARPOOL{ cPool = ((1,29,250,(1,1)),[(18,(2,3),(1,4))]), pid = 118, x1 = 2, x2 = 3, y1 = 3, y2 = 3 }
 1131.20802142 System.RideShare.JOIN__CARPOOL{ cPool = ((1,29,250,(1,1)),[(18,(2,3),(1,4)),((118,(2,3),(3,3))]), pid = 72, x1 = 2, x2 = 4, y1 = 3, y2 = 3 }
 1131.20802142 System.RideShare.JOIN__CARPOOL{ cPool = ((1,29,250,(1,1)),[(18,(2,3),(1,4)),((118,(2,3),(3,3))),(72,(2,3),(4,3))]), pid = 54, x1 = 2, x2 = 3, y1 = 3, y2 = 3 }
 1141.20802142 System.RideShare.START__TRIP{ cPool = ((1,29,250,(1,1)),[(18,(2,3),(1,4)),((118,(2,3),(3,3))),(72,(2,3),(4,3))),(54,(2,3),(3,3))]), charge = 250, cid = 1, trips = 29, x3 = 1, y3 = 1 }
 1141.20802142 System.RideShare.DROP__OFF__PASS{ cPool = ((1,29,247,(2,3)),[(18,(2,3),(1,4)),((118,(2,3),(3,3))),(72,(2,3),(4,3))),(54,(2,3),(3,3))]) }
 1141.20802142 System.RideShare.DROP__OFF__PASS{ cPool = ((1,29,245,(1,4)),[(118,(2,3),(3,3))),(72,(2,3),(4,3))),(54,(2,3),(3,3))]) }
 1141.20802142 System.RideShare.DROP__OFF__PASS{ cPool = ((1,29,242,(3,3)),[(72,(2,3),(4,3))),(54,(2,3),(3,3))]) }
 1141.20802142 System.RideShare.DONE{ cPool = ((1,29,241,(4,3)),[(54,(2,3),(3,3))]) }
 1145.20802142 System.passengers.end_trip{ d = (3,3), i = 1, pid = 54, s_time = "362.162116598" }
 1145.20802142 System.RideShare.NEED__CHARGE{ charge = 240, cid = 1, trips = 30, x3 = 3, y3 = 3 }
 1145.20802142 System.passengers.end_trip{ d = (4,3), i = 2, pid = 72, s_time = "481.180674683" }
 1148.20802142 System.passengers.end_trip{ d = (1,4), i = 2, pid = 18, s_time = "86.9935025243" }
 1151.20802142 System.passengers.end_trip{ d = (3,3), i = 1, pid = 118, s_time = "785.786690246" }
 1157.20802142 System.RideShare.CHARGE{ charge = 236, cid = 1, t = 2, trips = 30, x3 = 1, y3 = 1 }
 1159.20802142 System.RideShare.CHARGE{ charge = 237, cid = 1, t = 2, trips = 30, x3 = 1, y3 = 1 }
 1161.20802142 System.RideShare.CHARGE{ charge = 238, cid = 1, t = 1, trips = 30, x3 = 1, y3 = 1 }
 1163.20802142 System.RideShare.CHARGE{ charge = 239, cid = 1, t = 2, trips = 30, x3 = 1, y3 = 1 }
 1165.20802142 System.RideShare.CHARGE{ charge = 240, cid = 1, t = 3, trips = 30, x3 = 1, y3 = 1 }
 1167.20802142 System.RideShare.CHARGE{ charge = 241, cid = 1, t = 3, trips = 30, x3 = 1, y3 = 1 }
 1169.20802142 System.RideShare.CHARGE{ charge = 242, cid = 1, t = 1, trips = 30, x3 = 1, y3 = 1 }
 1171.20802142 System.RideShare.CHARGE{ charge = 243, cid = 1, t = 3, trips = 30, x3 = 1, y3 = 1 }
 1173.20802142 System.RideShare.CHARGE{ charge = 244, cid = 1, t = 1, trips = 30, x3 = 1, y3 = 1 }
 1175.20802142 System.RideShare.CHARGE{ charge = 245, cid = 1, t = 3, trips = 30, x3 = 1, y3 = 1 }
 1177.20802142 System.RideShare.CHARGE{ charge = 246, cid = 1, t = 1, trips = 30, x3 = 1, y3 = 1 }
 1179.20802142 System.RideShare.CHARGE{ charge = 247, cid = 1, t = 2, trips = 30, x3 = 1, y3 = 1 }
 1181.20802142 System.RideShare.CHARGE{ charge = 248, cid = 1, t = 1, trips = 30, x3 = 1, y3 = 1 }
 1183.20802142 System.RideShare.CHARGE{ charge = 249, cid = 1, t = 2, trips = 30, x3 = 1, y3 = 1 }
 1185.20802142 System.RideShare.DONE__CHARGE{ charge = 250, cid = 1, trips = 30, x3 = 1, y3 = 1 }
 1185.20802142 System.RideShare.CREATE__CARPOOL{ charge = 250, cid = 1, pid = 105, trips = 30, x1 = 2, x2 = 3, x3 = 1, y1 = 1, y2 = 1, y3 = 1 }
 1185.20802142 System.RideShare.JOIN__CARPOOL{ cPool = ((1,30,250,(1,1)),[(105,(2,1),(3,1))]), pid = 88, x1 = 2, x2 = 4, y1 = 1, y2 = 1 }
 1185.20802142 System.RideShare.JOIN__CARPOOL{ cPool = ((1,30,250,(1,1)),[(105,(2,1),(3,1)),((88,(2,1),(4,1))]), pid = 109, x1 = 2, x2 = 3, y1 = 1, y2 = 3 }
 1185.20802142 System.RideShare.JOIN__CARPOOL{ cPool = ((1,30,250,(1,1)),[(105,(2,1),(3,1)),((88,(2,1),(4,1))),(109,(2,1),(3,3))]), pid = 108, x1 = 2, x2 = 4, y1 = 1, y2 = 4 }
 1189.20802142 System.RideShare.START__TRIP{ cPool = ((1,30,250,(1,1)),[(105,(2,1),(3,1)),((88,(2,1),(4,1))),(109,(2,1),(3,3))),(108,(2,1),(4,4))]), charge = 250, cid = 1, trips = 30, x3 = 1, y3 = 1 }
 1189.20802142 System.RideShare.DROP__OFF__PASS{ cPool = ((1,30,249,(2,1)),[(105,(2,1),(3,1)),((88,(2,1),(4,1))),(109,(2,1),(3,3))),(108,(2,1),(4,4))]) }
 1189.20802142 System.RideShare.DROP__OFF__PASS{ cPool = ((1,30,248,(3,1)),[(88,(2,1),(4,1)),((109,(2,1),(3,3))),(108,(2,1),(4,4))]) }
 1189.20802142 System.RideShare.DROP__OFF__PASS{ cPool = ((1,30,247,(4,1)),[(109,(2,1),(3,3))),(108,(2,1),(4,4))]) }
 1189.20802142 System.RideShare.DONE{ cPool = ((1,30,244,(3,3)),[(108,(2,1),(4,4))]) }
 1193.20802142 System.passengers.end_trip{ d = (4,1), i = 2, pid = 88, s_time = "622.140078621" }
 1193.20802142 System.passengers.end_trip{ d = (3,1), i = 1, pid = 105, s_time = "707.521556692" }
 1196.20802142 System.RideShare.CREATE__CARPOOL{ charge = 242, cid = 1, pid = 101, trips = 31, x1 = 4, x2 = 2, x3 = 4, y1 = 1, y2 = 4, y3 = 4 }
 1196.20802142 System.RideShare.JOIN__CARPOOL{ cPool = ((1,31,242,(4,4)),[(101,(4,1),(2,4))]), pid = 79, x1 = 4, x2 = 3, y1 = 1, y2 = 2 }
 1196.20802142 System.passengers.end_trip{ d = (4,4), i = 5, pid = 108, s_time = "725.809170311" }
 1199.20802142 System.passengers.end_trip{ d = (3,3), i = 3, pid = 109, s_time = "727.102390089" }
 1206.20802142 System.RideShare.START__TRIP{ cPool = ((1,31,242,(4,4)),[(101,(4,1),(2,4)),((79,(4,1),(3,2))]), charge = 242, cid = 1, trips = 31, x3 = 4, y3 = 4 }
 1206.20802142 System.RideShare.DROP__OFF__PASS{ cPool = ((1,31,239,(4,1)),[(101,(4,1),(2,4)),((79,(4,1),(3,2))]) }
 1206.20802142 System.RideShare.DONE{ cPool = ((1,31,234,(2,4)),[(79,(4,1),(3,2))]) }
 1216.20802142 System.passengers.end_trip{ d = (3,2), i = 2, pid = 79, s_time = "536.904006371" }
 1216.20802142 System.RideShare.CREATE__CARPOOL{ charge = 231, cid = 1, pid = 111, trips = 32, x1 = 4, x2 = 1, x3 = 3, y1 = 2, y2 = 2, y3 = 2 }
 1220.20802142 System.RideShare.START__TRIP{ cPool = ((1,32,231,(3,2)),[(111,(4,2),(1,2))]), charge = 231, cid = 1, trips = 32, x3 = 3, y3 = 2 }
 1220.20802142 System.RideShare.DONE{ cPool = ((1,32,230,(4,2)),[(111,(4,2),(1,2))]) }
 1222.20802142 System.passengers.end_trip{ d = (2,4), i = 5, pid = 101, s_time = "692.126677109" }
 1230.20802142 System.passengers.end_trip{ d = (1,2), i = 3, pid = 111, s_time = "734.342244411" }
 1230.20802142 System.RideShare.NEED__CHARGE{ charge = 227, cid = 1, trips = 33, x3 = 1, y3 = 2 }
 1233.20802142 System.RideShare.CHARGE{ charge = 226, cid = 1, t = 3, trips = 33, x3 = 1, y3 = 1 }
 1235.20802142 System.RideShare.CHARGE{ charge = 227, cid = 1, t = 1, trips = 33, x3 = 1, y3 = 1 }
 1237.20802142 System.RideShare.CHARGE{ charge = 228, cid = 1, t = 1, trips = 33, x3 = 1, y3 = 1 }
 1239.20802142 System.RideShare.CHARGE{ charge = 229, cid = 1, t = 1, trips = 33, x3 = 1, y3 = 1 }
 1241.20802142 System.RideShare.CHARGE{ charge = 230, cid = 1, t = 2, trips = 33, x3 = 1, y3 = 1 }
 1243.20802142 System.RideShare.CHARGE{ charge = 231, cid = 1, t = 3, trips = 33, x3 = 1, y3 = 1 }
 1245.20802142 System.RideShare.CHARGE{ charge = 232, cid = 1, t = 2, trips = 33, x3 = 1, y3 = 1 }
 1247.20802142 System.RideShare.CHARGE{ charge = 233, cid = 1, t = 2, trips = 33, x3 = 1, y3 = 1 }
 1249.20802142 System.RideShare.CHARGE{ charge = 234, cid = 1, t = 2, trips = 33, x3 = 1, y3 = 1 }
 1251.20802142 System.RideShare.CHARGE{ charge = 235, cid = 1, t = 1, trips = 33, x3 = 1, y3 = 1 }
 1253.20802142 System.RideShare.CHARGE{ charge = 236, cid = 1, t = 2, trips = 33, x3 = 1, y3 = 1 }

1255.20802142 System.RideShare.CHARGE{ charge = 237, cid = 1, t = 1, trips = 33, x3 = 1, y3 = 1 }
1257.20802142 System.RideShare.CHARGE{ charge = 238, cid = 1, t = 3, trips = 33, x3 = 1, y3 = 1 }
1259.20802142 System.RideShare.CHARGE{ charge = 239, cid = 1, t = 2, trips = 33, x3 = 1, y3 = 1 }
1261.20802142 System.RideShare.CHARGE{ charge = 240, cid = 1, t = 1, trips = 33, x3 = 1, y3 = 1 }
1263.20802142 System.RideShare.CHARGE{ charge = 241, cid = 1, t = 2, trips = 33, x3 = 1, y3 = 1 }
1265.20802142 System.RideShare.CHARGE{ charge = 242, cid = 1, t = 1, trips = 33, x3 = 1, y3 = 1 }
1267.20802142 System.RideShare.CHARGE{ charge = 243, cid = 1, t = 2, trips = 33, x3 = 1, y3 = 1 }
1269.20802142 System.RideShare.CHARGE{ charge = 244, cid = 1, t = 3, trips = 33, x3 = 1, y3 = 1 }
1271.20802142 System.RideShare.CHARGE{ charge = 245, cid = 1, t = 2, trips = 33, x3 = 1, y3 = 1 }
1273.20802142 System.RideShare.CHARGE{ charge = 246, cid = 1, t = 3, trips = 33, x3 = 1, y3 = 1 }
1275.20802142 System.RideShare.CHARGE{ charge = 247, cid = 1, t = 3, trips = 33, x3 = 1, y3 = 1 }
1277.20802142 System.RideShare.CHARGE{ charge = 248, cid = 1, t = 3, trips = 33, x3 = 1, y3 = 1 }
1279.20802142 System.RideShare.CHARGE{ charge = 249, cid = 1, t = 3, trips = 33, x3 = 1, y3 = 1 }
1281.20802142 System.RideShare.DONE__CHARGE{ charge = 250, cid = 1, trips = 33, x3 = 1, y3 = 1 }
1281.20802142 System.RideShare.CREATE__CARPOOL{ charge = 250, cid = 1, pid = 50, trips = 33, x1 = 4, x2 = 1, x3 = 1, y1 = 4, y2 = 3, y3 = 1 }
1281.20802142 System.RideShare.JOIN__CARPOOL{ cPool = ((1,33,250,(1,1)),[(50,(4,4),(1,3))]), pid = 82, x1 = 4, x2 = 4, y1 = 4, y2 = 1 }
1281.20802142 System.RideShare.JOIN__CARPOOL{ cPool = ((1,33,250,(1,1)),[(50,(4,4),(1,3)),(82,(4,4),(4,1))]), pid = 94, x1 = 4, x2 = 2, y1 = 4, y2 = 1 }
1281.20802142 System.RideShare.JOIN__CARPOOL{ cPool = ((1,33,250,(1,1)),[(50,(4,4),(1,3)),(82,(4,4),(4,1)),(94,(4,4),(2,1))]), pid = 67, x1 = 4, x2 = 2, y1 = 4, y2 = 4 }
1300.20802142 System.RideShare.START__TRIP{ cPool = ((1,33,250,(1,1)),[(50,(4,4),(1,3)),(82,(4,4),(4,1)),(94,(4,4),(2,1)),(67,(4,4),(2,4))]), charge = 250, cid = 1, trips = 33, x3 = 1, y3 = 1 }
1300.20802142 System.RideShare.DROP__OFF__PASS{ cPool = ((1,33,244,(4,4)),[(50,(4,4),(1,3)),(82,(4,4),(4,1)),(94,(4,4),(2,1)),(67,(4,4),(2,4))]) }
1300.20802142 System.RideShare.DROP__OFF__PASS{ cPool = ((1,33,240,(1,3)),[(82,(4,4),(4,1)),(94,(4,4),(2,1)),(67,(4,4),(2,4))]) }
1300.20802142 System.RideShare.DROP__OFF__PASS{ cPool = ((1,33,235,(4,1)),[(94,(4,4),(2,1)),(67,(4,4),(2,4))]) }
1300.20802142 System.RideShare.DONE{ cPool = ((1,33,233,(2,1)),[(67,(4,4),(2,4))]) }
1307.20802142 System.passengers.end_trip{ d = (2,1), i = 5, pid = 94, s_time = "631.959704116" }
1310.20802142 System.RideShare.NEED__CHARGE{ charge = 230, cid = 1, trips = 34, x3 = 2, y3 = 4 }
1310.20802142 System.passengers.end_trip{ d = (2,4), i = 2, pid = 67, s_time = "456.968115675" }
1313.20802142 System.passengers.end_trip{ d = (1,3), i = 4, pid = 50, s_time = "326.842895778" }
1316.20802142 System.passengers.end_trip{ d = (4,1), i = 3, pid = 82, s_time = "580.310289081" }
1322.20802142 System.RideShare.CHARGE{ charge = 226, cid = 1, t = 2, trips = 34, x3 = 1, y3 = 1 }
1324.20802142 System.RideShare.CHARGE{ charge = 227, cid = 1, t = 3, trips = 34, x3 = 1, y3 = 1 }
1326.20802142 System.RideShare.CHARGE{ charge = 228, cid = 1, t = 3, trips = 34, x3 = 1, y3 = 1 }
1328.20802142 System.RideShare.CHARGE{ charge = 229, cid = 1, t = 3, trips = 34, x3 = 1, y3 = 1 }
1330.20802142 System.RideShare.CHARGE{ charge = 230, cid = 1, t = 3, trips = 34, x3 = 1, y3 = 1 }
1332.20802142 System.RideShare.CHARGE{ charge = 231, cid = 1, t = 3, trips = 34, x3 = 1, y3 = 1 }
1334.20802142 System.RideShare.CHARGE{ charge = 232, cid = 1, t = 2, trips = 34, x3 = 1, y3 = 1 }
1336.20802142 System.RideShare.CHARGE{ charge = 233, cid = 1, t = 1, trips = 34, x3 = 1, y3 = 1 }
1338.20802142 System.RideShare.CHARGE{ charge = 234, cid = 1, t = 1, trips = 34, x3 = 1, y3 = 1 }
1340.20802142 System.RideShare.CHARGE{ charge = 235, cid = 1, t = 3, trips = 34, x3 = 1, y3 = 1 }
1342.20802142 System.RideShare.CHARGE{ charge = 236, cid = 1, t = 1, trips = 34, x3 = 1, y3 = 1 }
1344.20802142 System.RideShare.CHARGE{ charge = 237, cid = 1, t = 3, trips = 34, x3 = 1, y3 = 1 }
1346.20802142 System.RideShare.CHARGE{ charge = 238, cid = 1, t = 1, trips = 34, x3 = 1, y3 = 1 }
1348.20802142 System.RideShare.CHARGE{ charge = 239, cid = 1, t = 2, trips = 34, x3 = 1, y3 = 1 }
1350.20802142 System.RideShare.CHARGE{ charge = 240, cid = 1, t = 1, trips = 34, x3 = 1, y3 = 1 }
1352.20802142 System.RideShare.CHARGE{ charge = 241, cid = 1, t = 3, trips = 34, x3 = 1, y3 = 1 }
1354.20802142 System.RideShare.CHARGE{ charge = 242, cid = 1, t = 1, trips = 34, x3 = 1, y3 = 1 }
1356.20802142 System.RideShare.CHARGE{ charge = 243, cid = 1, t = 3, trips = 34, x3 = 1, y3 = 1 }
1358.20802142 System.RideShare.CHARGE{ charge = 244, cid = 1, t = 3, trips = 34, x3 = 1, y3 = 1 }
1360.20802142 System.RideShare.CHARGE{ charge = 245, cid = 1, t = 3, trips = 34, x3 = 1, y3 = 1 }
1362.20802142 System.RideShare.CHARGE{ charge = 246, cid = 1, t = 1, trips = 34, x3 = 1, y3 = 1 }
1364.20802142 System.RideShare.CHARGE{ charge = 247, cid = 1, t = 3, trips = 34, x3 = 1, y3 = 1 }
1366.20802142 System.RideShare.CHARGE{ charge = 248, cid = 1, t = 3, trips = 34, x3 = 1, y3 = 1 }
1368.20802142 System.RideShare.CHARGE{ charge = 249, cid = 1, t = 1, trips = 34, x3 = 1, y3 = 1 }
1370.20802142 System.RideShare.DONE__CHARGE{ charge = 250, cid = 1, trips = 34, x3 = 1, y3 = 1 }
1370.20802142 System.RideShare.CREATE__CARPOOL{ charge = 250, cid = 1, pid = 73, trips = 34, x1 = 3, x2 = 3, x3 = 1, y1 = 1, y2 = 3, y3 = 1 }
1377.20802142 System.RideShare.START__TRIP{ cPool = ((1,34,250,(1,1)),[(73,(3,1),(3,3))]), charge = 250, cid = 1, trips = 34, x3 = 1, y3 = 1 }
1377.20802142 System.RideShare.DONE{ cPool = ((1,34,248,(3,1)),[(73,(3,1),(3,3))]) }
1384.20802142 System.passengers.end_trip{ d = (3,3), i = 2, pid = 73, s_time = "488.895651308" }
1384.20802142 System.RideShare.CREATE__CARPOOL{ charge = 246, cid = 1, pid = 120, trips = 35, x1 = 4, x2 = 2, x3 = 3, y1 = 3, y2 = 2, y3 = 3 }
1384.20802142 System.RideShare.JOIN__CARPOOL{ cPool = ((1,35,246,(3,3)),[(120,(4,3),(2,2))]), pid = 97, x1 = 4, x2 = 3, y1 = 3, y2 = 1 }
1384.20802142 System.RideShare.JOIN__CARPOOL{ cPool = ((1,35,246,(3,3)),[(120,(4,3),(2,2)),(97,(4,3),(3,1))]), pid = 51, x1 = 4, x2 = 2, y1 = 3, y2 = 4 }
1388.20802142 System.RideShare.START__TRIP{ cPool = ((1,35,246,(3,3)),[(120,(4,3),(2,2)),(97,(4,3),(3,1)),(51,(4,3),(2,4))]), charge = 246, cid = 1, trips = 35, x3 = 3, y3 = 3 }
1388.20802142 System.RideShare.DROP__OFF__PASS{ cPool = ((1,35,245,(4,3)),[(120,(4,3),(2,2)),(97,(4,3),(3,1)),(51,(4,3),(2,4))]) }
1388.20802142 System.RideShare.DROP__OFF__PASS{ cPool = ((1,35,242,(2,2)),[(97,(4,3),(3,1)),(51,(4,3),(2,4))]) }
1388.20802142 System.RideShare.DONE{ cPool = ((1,35,240,(3,1)),[(51,(4,3),(2,4))]) }
1395.20802142 System.passengers.end_trip{ d = (3,1), i = 3, pid = 97, s_time = "666.840531871" }
1398.20802142 System.passengers.end_trip{ d = (2,2), i = 3, pid = 120, s_time = "798.90074931" }
1401.20802142 System.passengers.end_trip{ d = (2,4), i = 3, pid = 51, s_time = "336.476409295" }
1401.20802142 System.RideShare.NEED__CHARGE{ charge = 236, cid = 1, trips = 36, x3 = 2, y3 = 4 }
1413.20802142 System.RideShare.CHARGE{ charge = 232, cid = 1, t = 2, trips = 36, x3 = 1, y3 = 1 }
1415.20802142 System.RideShare.CHARGE{ charge = 233, cid = 1, t = 1, trips = 36, x3 = 1, y3 = 1 }
1417.20802142 System.RideShare.CHARGE{ charge = 234, cid = 1, t = 2, trips = 36, x3 = 1, y3 = 1 }
1419.20802142 System.RideShare.CHARGE{ charge = 235, cid = 1, t = 3, trips = 36, x3 = 1, y3 = 1 }
1421.20802142 System.RideShare.CHARGE{ charge = 236, cid = 1, t = 2, trips = 36, x3 = 1, y3 = 1 }
1423.20802142 System.RideShare.CHARGE{ charge = 237, cid = 1, t = 3, trips = 36, x3 = 1, y3 = 1 }
1425.20802142 System.RideShare.CHARGE{ charge = 238, cid = 1, t = 2, trips = 36, x3 = 1, y3 = 1 }

1427.20802142 System.RideShare.CHARGE{ charge = 239, cid = 1, t = 2, trips = 36, x3 = 1, y3 = 1 }
1429.20802142 System.RideShare.CHARGE{ charge = 240, cid = 1, t = 3, trips = 36, x3 = 1, y3 = 1 }
1431.20802142 System.RideShare.CHARGE{ charge = 241, cid = 1, t = 2, trips = 36, x3 = 1, y3 = 1 }
1433.20802142 System.RideShare.CHARGE{ charge = 242, cid = 1, t = 2, trips = 36, x3 = 1, y3 = 1 }
1435.20802142 System.RideShare.CHARGE{ charge = 243, cid = 1, t = 3, trips = 36, x3 = 1, y3 = 1 }
1437.20802142 System.RideShare.CHARGE{ charge = 244, cid = 1, t = 1, trips = 36, x3 = 1, y3 = 1 }
1439.20802142 System.RideShare.CHARGE{ charge = 245, cid = 1, t = 1, trips = 36, x3 = 1, y3 = 1 }
1441.20802142 System.RideShare.CHARGE{ charge = 246, cid = 1, t = 2, trips = 36, x3 = 1, y3 = 1 }
1443.20802142 System.RideShare.CHARGE{ charge = 247, cid = 1, t = 3, trips = 36, x3 = 1, y3 = 1 }
1445.20802142 System.RideShare.CHARGE{ charge = 248, cid = 1, t = 3, trips = 36, x3 = 1, y3 = 1 }
1447.20802142 System.RideShare.CHARGE{ charge = 249, cid = 1, t = 2, trips = 36, x3 = 1, y3 = 1 }
1449.20802142 System.RideShare.DONE__CHARGE{ charge = 250, cid = 1, trips = 36, x3 = 1, y3 = 1 }
1449.20802142 System.RideShare.CREATE__CARPOOL{ charge = 250, cid = 1, pid = 83, trips = 36, x1 = 3, x2 = 3, x3 = 1, y1 = 3, y2 = 1, y3 = 1 }
1449.20802142 System.RideShare.JOIN__CARPOOL{ cPool = ((1,36,250,(1,1)),[(83,(3,3),(3,1))]), pid = 113, x1 = 3, x2 = 4, y1 = 3, y2 = 2 }
1462.20802142 System.RideShare.START__TRIP{ cPool = ((1,36,250,(1,1)),[(83,(3,3),(3,1)),((113,(3,3),(4,2)))]), charge = 250, cid = 1, trips = 36, x3 = 1, y3 = 1 }
1462.20802142 System.RideShare.DROP__OFF__PASS{ cPool = ((1,36,246,(3,3)),[(83,(3,3),(3,1)),((113,(3,3),(4,2)))]) }
1462.20802142 System.RideShare.DONE{ cPool = ((1,36,244,(3,1)),[(113,(3,3),(4,2)))]) }
1469.20802142 System.passengers.end_trip{ d = (3,1), i = 2, pid = 83, s_time = "588.924707095" }
1469.20802142 System.RideShare.CREATE__CARPOOL{ charge = 242, cid = 1, pid = 102, trips = 37, x1 = 1, x2 = 1, x3 = 4, y1 = 4, y2 = 3, y3 = 2 }
1469.20802142 System.RideShare.JOIN__CARPOOL{ cPool = ((1,37,242,(4,2)),[(102,(1,4),(1,3))]), pid = 56, x1 = 1, x2 = 4, y1 = 4, y2 = 1 }
1469.20802142 System.passengers.end_trip{ d = (4,2), i = 2, pid = 113, s_time = "759.059690684" }
1485.20802142 System.RideShare.START__TRIP{ cPool = ((1,37,242,(4,2)),[(102,(1,4),(1,3)),((56,(1,4),(4,1)))]), charge = 242, cid = 1, trips = 37, x3 = 4, y3 = 2 }
1485.20802142 System.RideShare.DROP__OFF__PASS{ cPool = ((1,37,237,(1,4)),[(102,(1,4),(1,3)),((56,(1,4),(4,1)))]) }
1485.20802142 System.RideShare.DONE{ cPool = ((1,37,236,(1,3)),[(56,(1,4),(4,1)))]) }
1489.20802142 System.passengers.end_trip{ d = (1,3), i = 1, pid = 102, s_time = "705.148025181" }
1501.20802142 System.RideShare.CREATE__CARPOOL{ charge = 231, cid = 1, pid = 48, trips = 38, x1 = 2, x2 = 2, x3 = 4, y1 = 3, y2 = 4, y3 = 1 }
1501.20802142 System.RideShare.JOIN__CARPOOL{ cPool = ((1,38,231,(4,1)),[(48,(2,3),(2,4))]), pid = 89, x1 = 2, x2 = 1, y1 = 3, y2 = 2 }
1501.20802142 System.passengers.end_trip{ d = (4,1), i = 6, pid = 56, s_time = "380.997180443" }
1514.20802142 System.RideShare.START__TRIP{ cPool = ((1,38,231,(4,1)),[(48,(2,3),(2,4)),((89,(2,3),(1,2)))]), charge = 231, cid = 1, trips = 38, x3 = 4, y3 = 1 }
1514.20802142 System.RideShare.DROP__OFF__PASS{ cPool = ((1,38,227,(2,3)),[(48,(2,3),(2,4)),((89,(2,3),(1,2)))]) }
1514.20802142 System.RideShare.DONE{ cPool = ((1,38,226,(2,4)),[(89,(2,3),(1,2)))]) }
1518.20802142 System.passengers.end_trip{ d = (2,4), i = 1, pid = 48, s_time = "325.112250382" }
1524.20802142 System.RideShare.NEED__CHARGE{ charge = 223, cid = 1, trips = 39, x3 = 1, y3 = 2 }
1524.20802142 System.passengers.end_trip{ d = (1,2), i = 2, pid = 89, s_time = "622.927304823" }
1527.20802142 System.RideShare.CHARGE{ charge = 222, cid = 1, t = 1, trips = 39, x3 = 1, y3 = 1 }
1529.20802142 System.RideShare.CHARGE{ charge = 223, cid = 1, t = 2, trips = 39, x3 = 1, y3 = 1 }
1531.20802142 System.RideShare.CHARGE{ charge = 224, cid = 1, t = 3, trips = 39, x3 = 1, y3 = 1 }
1533.20802142 System.RideShare.CHARGE{ charge = 225, cid = 1, t = 1, trips = 39, x3 = 1, y3 = 1 }
1535.20802142 System.RideShare.CHARGE{ charge = 226, cid = 1, t = 3, trips = 39, x3 = 1, y3 = 1 }
1537.20802142 System.RideShare.CHARGE{ charge = 227, cid = 1, t = 1, trips = 39, x3 = 1, y3 = 1 }
1539.20802142 System.RideShare.CHARGE{ charge = 228, cid = 1, t = 1, trips = 39, x3 = 1, y3 = 1 }
1541.20802142 System.RideShare.CHARGE{ charge = 229, cid = 1, t = 3, trips = 39, x3 = 1, y3 = 1 }
1543.20802142 System.RideShare.CHARGE{ charge = 230, cid = 1, t = 3, trips = 39, x3 = 1, y3 = 1 }
1545.20802142 System.RideShare.CHARGE{ charge = 231, cid = 1, t = 3, trips = 39, x3 = 1, y3 = 1 }
1547.20802142 System.RideShare.CHARGE{ charge = 232, cid = 1, t = 1, trips = 39, x3 = 1, y3 = 1 }
1549.20802142 System.RideShare.CHARGE{ charge = 233, cid = 1, t = 3, trips = 39, x3 = 1, y3 = 1 }
1551.20802142 System.RideShare.CHARGE{ charge = 234, cid = 1, t = 1, trips = 39, x3 = 1, y3 = 1 }
1553.20802142 System.RideShare.CHARGE{ charge = 235, cid = 1, t = 2, trips = 39, x3 = 1, y3 = 1 }
1555.20802142 System.RideShare.CHARGE{ charge = 236, cid = 1, t = 2, trips = 39, x3 = 1, y3 = 1 }
1557.20802142 System.RideShare.CHARGE{ charge = 237, cid = 1, t = 3, trips = 39, x3 = 1, y3 = 1 }
1559.20802142 System.RideShare.CHARGE{ charge = 238, cid = 1, t = 3, trips = 39, x3 = 1, y3 = 1 }
1561.20802142 System.RideShare.CHARGE{ charge = 239, cid = 1, t = 2, trips = 39, x3 = 1, y3 = 1 }
1563.20802142 System.RideShare.CHARGE{ charge = 240, cid = 1, t = 2, trips = 39, x3 = 1, y3 = 1 }
1565.20802142 System.RideShare.CHARGE{ charge = 241, cid = 1, t = 1, trips = 39, x3 = 1, y3 = 1 }
1567.20802142 System.RideShare.CHARGE{ charge = 242, cid = 1, t = 2, trips = 39, x3 = 1, y3 = 1 }
1569.20802142 System.RideShare.CHARGE{ charge = 243, cid = 1, t = 3, trips = 39, x3 = 1, y3 = 1 }
1571.20802142 System.RideShare.CHARGE{ charge = 244, cid = 1, t = 1, trips = 39, x3 = 1, y3 = 1 }
1573.20802142 System.RideShare.CHARGE{ charge = 245, cid = 1, t = 1, trips = 39, x3 = 1, y3 = 1 }
1575.20802142 System.RideShare.CHARGE{ charge = 246, cid = 1, t = 2, trips = 39, x3 = 1, y3 = 1 }
1577.20802142 System.RideShare.CHARGE{ charge = 247, cid = 1, t = 3, trips = 39, x3 = 1, y3 = 1 }
1579.20802142 System.RideShare.CHARGE{ charge = 248, cid = 1, t = 1, trips = 39, x3 = 1, y3 = 1 }
1581.20802142 System.RideShare.CHARGE{ charge = 249, cid = 1, t = 2, trips = 39, x3 = 1, y3 = 1 }
1583.20802142 System.RideShare.DONE__CHARGE{ charge = 250, cid = 1, trips = 39, x3 = 1, y3 = 1 }
1583.20802142 System.RideShare.CREATE__CARPOOL{ charge = 250, cid = 1, pid = 116, trips = 39, x1 = 3, x2 = 1, x3 = 1, y1 = 2, y2 = 3, y3 = 1 }
1583.20802142 System.RideShare.JOIN__CARPOOL{ cPool = ((1,39,250,(1,1)),[(116,(3,2),(1,3))]), pid = 104, x1 = 3, x2 = 2, y1 = 2, y2 = 4 }
1583.20802142 System.RideShare.JOIN__CARPOOL{ cPool = ((1,39,250,(1,1)),[(116,(3,2),(1,3)),((104,(3,2),(2,4)))]), pid = 87, x1 = 3, x2 = 2, y1 = 2, y2 = 4 }
1593.20802142 System.RideShare.START__TRIP{ cPool = ((1,39,250,(1,1)),[(116,(3,2),(1,3)),((104,(3,2),(2,4)),((87,(3,2),(2,4)))]), charge = 250, cid = 1, trips = 39, x3 = 1, y3 = 1 }
1593.20802142 System.RideShare.DROP__OFF__PASS{ cPool = ((1,39,247,(3,2)),[(116,(3,2),(1,3)),((104,(3,2),(2,4)),((87,(3,2),(2,4)))]) }
1593.20802142 System.RideShare.DROP__OFF__PASS{ cPool = ((1,39,244,(1,3)),[(104,(3,2),(2,4)),((87,(3,2),(2,4)))]) }
1593.20802142 System.RideShare.DONE{ cPool = ((1,39,242,(2,4)),[(87,(3,2),(2,4)))]) }
1594.20802142 System.passengers.end_trip{ d = (2,4), i = 3, pid = 87, s_time = "621.056330204" }
1594.20802142 System.RideShare.CREATE__CARPOOL{ charge = 242, cid = 1, pid = 100, trips = 40, x1 = 2, x2 = 1, x3 = 2, y1 = 2, y2 = 2, y3 = 4 }
1600.20802142 System.passengers.end_trip{ d = (2,4), i = 3, pid = 104, s_time = "707.114217666" }
1601.20802142 System.RideShare.START__TRIP{ cPool = ((1,40,242,(2,4)),[(100,(2,2),(1,2))]), charge = 242, cid = 1, trips = 40, x3 = 2, y3 = 4 }
1601.20802142 System.RideShare.DONE{ cPool = ((1,40,240,(2,2)),[(100,(2,2),(1,2)))]) }


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1603.20802142 System.passengers.end_trip{ d = (1,3), i = 3, pid = 116, s_time = "775.343807082" }
1605.20802142 System.RideShare.CREATE__CARPOOL{ charge = 239, cid = 1, pid = 119, trips = 41, x1 = 3, x2 = 4, x3 = 1, y1 = 4, y2 = 2, y3 = 2 }
1605.20802142 System.RideShare.JOIN__CARPOOL{ cPool = ((1,41,239,(1,2)),((119,(3,4),(4,2))), pid = 28, x1 = 3, x2 = 4, y1 = 4, y2 = 2 }
1605.20802142 System.RideShare.JOIN__CARPOOL{ cPool = ((1,41,239,(1,2)),((119,(3,4),(4,2))),(28,(3,4),(4,2))), pid = 71, x1 = 3, x2 = 1, y1 = 4, y2 = 2 }
1605.20802142 System.RideShare.JOIN__CARPOOL{ cPool = ((1,41,239,(1,2)),((119,(3,4),(4,2))),(28,(3,4),(4,2))),(71,(3,4),(1,2))), pid = 76, x1 = 3, x2 = 1, y1 = 4, y2 = 4 }
1605.20802142 System.passengers.end_trip{ d = (1,2), i = 1, pid = 100, s_time = "688.746495531" }
1618.20802142 System.RideShare.START__TRIP{ cPool = ((1,41,239,(1,2)),((119,(3,4),(4,2))),(28,(3,4),(4,2))),(71,(3,4),(1,2))),(76,(3,4),(1,4))), charge = 239, cid = 1, trips = 41, x3 = 1, y3 = 2 }
1618.20802142 System.RideShare.DROP__OFF__PASS{ cPool = ((1,41,235,(3,4)),((119,(3,4),(4,2))),(28,(3,4),(4,2))),(71,(3,4),(1,2))),(76,(3,4),(1,4))) }
1618.20802142 System.RideShare.DROP__OFF__PASS{ cPool = ((1,41,232,(4,2)),((28,(3,4),(4,2))),(71,(3,4),(1,2))),(76,(3,4),(1,4))) }
1618.20802142 System.RideShare.DROP__OFF__PASS{ cPool = ((1,41,232,(4,2)),((71,(3,4),(1,2))),(76,(3,4),(1,4))) }
1618.20802142 System.RideShare.DONE{ cPool = ((1,41,229,(1,2)),((76,(3,4),(1,4)))) }
1619.20802142 System.passengers.end_trip{ d = (4,2), i = 3, pid = 28, s_time = "163.340034513" }
1625.20802142 System.passengers.end_trip{ d = (1,4), i = 2, pid = 76, s_time = "526.047674365" }
1625.20802142 System.RideShare.NEED__CHARGE{ charge = 227, cid = 1, trips = 42, x3 = 1, y3 = 4 }
1628.20802142 System.passengers.end_trip{ d = (1,2), i = 4, pid = 71, s_time = "474.411362422" }
1628.20802142 System.passengers.end_trip{ d = (4,2), i = 3, pid = 119, s_time = "793.429374079" }
1634.20802142 System.RideShare.CHARGE{ charge = 224, cid = 1, t = 3, trips = 42, x3 = 1, y3 = 1 }
1636.20802142 System.RideShare.CHARGE{ charge = 225, cid = 1, t = 3, trips = 42, x3 = 1, y3 = 1 }
1638.20802142 System.RideShare.CHARGE{ charge = 226, cid = 1, t = 2, trips = 42, x3 = 1, y3 = 1 }
1640.20802142 System.RideShare.CHARGE{ charge = 227, cid = 1, t = 3, trips = 42, x3 = 1, y3 = 1 }
1642.20802142 System.RideShare.CHARGE{ charge = 228, cid = 1, t = 2, trips = 42, x3 = 1, y3 = 1 }
1644.20802142 System.RideShare.CHARGE{ charge = 229, cid = 1, t = 2, trips = 42, x3 = 1, y3 = 1 }
1646.20802142 System.RideShare.CHARGE{ charge = 230, cid = 1, t = 2, trips = 42, x3 = 1, y3 = 1 }
1648.20802142 System.RideShare.CHARGE{ charge = 231, cid = 1, t = 2, trips = 42, x3 = 1, y3 = 1 }
1650.20802142 System.RideShare.CHARGE{ charge = 232, cid = 1, t = 1, trips = 42, x3 = 1, y3 = 1 }
1652.20802142 System.RideShare.CHARGE{ charge = 233, cid = 1, t = 3, trips = 42, x3 = 1, y3 = 1 }
1654.20802142 System.RideShare.CHARGE{ charge = 234, cid = 1, t = 2, trips = 42, x3 = 1, y3 = 1 }
1656.20802142 System.RideShare.CHARGE{ charge = 235, cid = 1, t = 2, trips = 42, x3 = 1, y3 = 1 }
1658.20802142 System.RideShare.CHARGE{ charge = 236, cid = 1, t = 1, trips = 42, x3 = 1, y3 = 1 }
1660.20802142 System.RideShare.CHARGE{ charge = 237, cid = 1, t = 1, trips = 42, x3 = 1, y3 = 1 }
1662.20802142 System.RideShare.CHARGE{ charge = 238, cid = 1, t = 3, trips = 42, x3 = 1, y3 = 1 }
1664.20802142 System.RideShare.CHARGE{ charge = 239, cid = 1, t = 2, trips = 42, x3 = 1, y3 = 1 }
1666.20802142 System.RideShare.CHARGE{ charge = 240, cid = 1, t = 3, trips = 42, x3 = 1, y3 = 1 }
1668.20802142 System.RideShare.CHARGE{ charge = 241, cid = 1, t = 2, trips = 42, x3 = 1, y3 = 1 }
1670.20802142 System.RideShare.CHARGE{ charge = 242, cid = 1, t = 3, trips = 42, x3 = 1, y3 = 1 }
1672.20802142 System.RideShare.CHARGE{ charge = 243, cid = 1, t = 2, trips = 42, x3 = 1, y3 = 1 }
1674.20802142 System.RideShare.CHARGE{ charge = 244, cid = 1, t = 2, trips = 42, x3 = 1, y3 = 1 }
1676.20802142 System.RideShare.CHARGE{ charge = 245, cid = 1, t = 1, trips = 42, x3 = 1, y3 = 1 }
1678.20802142 System.RideShare.CHARGE{ charge = 246, cid = 1, t = 1, trips = 42, x3 = 1, y3 = 1 }
1680.20802142 System.RideShare.CHARGE{ charge = 247, cid = 1, t = 3, trips = 42, x3 = 1, y3 = 1 }
1682.20802142 System.RideShare.CHARGE{ charge = 248, cid = 1, t = 2, trips = 42, x3 = 1, y3 = 1 }
1684.20802142 System.RideShare.CHARGE{ charge = 249, cid = 1, t = 3, trips = 42, x3 = 1, y3 = 1 }
1686.20802142 System.RideShare.DONE__CHARGE{ charge = 250, cid = 1, trips = 42, x3 = 1, y3 = 1 }
1686.20802142 System.RideShare.CREATE__CARPOOL{ charge = 250, cid = 1, pid = 112, trips = 42, x1 = 1, x2 = 4, x3 = 1, y1 = 3, y2 = 1, y3 = 1 }
1693.20802142 System.RideShare.START__TRIP{ cPool = ((1,42,250,(1,1)),((112,(1,3),(4,1))), charge = 250, cid = 1, trips = 42, x3 = 1, y3 = 1 }
1693.20802142 System.RideShare.DONE{ cPool = ((1,42,248,(1,3)),((112,(1,3),(4,1)))) }
1709.20802142 System.passengers.end_trip{ d = (4,1), i = 5, pid = 112, s_time = "738.13362815" }
1709.20802142 System.RideShare.NEED__CHARGE{ charge = 243, cid = 1, trips = 43, x3 = 4, y3 = 1 }
1718.20802142 System.RideShare.CHARGE{ charge = 240, cid = 1, t = 2, trips = 43, x3 = 1, y3 = 1 }
1720.20802142 System.RideShare.CHARGE{ charge = 241, cid = 1, t = 2, trips = 43, x3 = 1, y3 = 1 }
1722.20802142 System.RideShare.CHARGE{ charge = 242, cid = 1, t = 3, trips = 43, x3 = 1, y3 = 1 }
1724.20802142 System.RideShare.CHARGE{ charge = 243, cid = 1, t = 3, trips = 43, x3 = 1, y3 = 1 }
1726.20802142 System.RideShare.CHARGE{ charge = 244, cid = 1, t = 2, trips = 43, x3 = 1, y3 = 1 }
1728.20802142 System.RideShare.CHARGE{ charge = 245, cid = 1, t = 1, trips = 43, x3 = 1, y3 = 1 }
1730.20802142 System.RideShare.CHARGE{ charge = 246, cid = 1, t = 1, trips = 43, x3 = 1, y3 = 1 }
1732.20802142 System.RideShare.CHARGE{ charge = 247, cid = 1, t = 2, trips = 43, x3 = 1, y3 = 1 }
1734.20802142 System.RideShare.CHARGE{ charge = 248, cid = 1, t = 2, trips = 43, x3 = 1, y3 = 1 }
1736.20802142 System.RideShare.CHARGE{ charge = 249, cid = 1, t = 1, trips = 43, x3 = 1, y3 = 1 }
1738.20802142 System.RideShare.DONE__CHARGE{ charge = 250, cid = 1, trips = 43, x3 = 1, y3 = 1 }
• Initial Formula:
((120 * (--> System.passengers.new_passenger)) -> (--> System.passengers.new_passenger) => failure) &
(System.garage.in_service := "1" @ 0.0) &
(1 * (--> System.garage.start_service) -> ((--> System.garage.start_service) => false))
• Parsed Formula:
(((120 * (--> (system.passengers.newpassenger))) & ((120 * (--> (system.passengers.newpassenger))) => (@ (! (system.passengers.newpassenger)))) &
(System.garage.in_service := "1" @ 0.0)) & ((1 * (--> (system.garage.startservice))) & ((1 * (--> (system.garage.startservice))) => ((-->
(system.garage.startservice))) => (! (true))))))
• Formula at error:
(@ (! (system.passengers.newpassenger))) & ((1 * (--> (system.garage.startservice))) & ((1 * (--> (system.garage.startservice))) => ((-->
(system.garage.startservice))) => (! (true))))))
• Marking at error:
System.RideShare.CHARGE__LIMIT: 1`1@1738.20802142 +++ 1`2@1736.20802142 +++ 1`3@1726.20802142
System.RideShare.Enabling_Control_10: 1`()
System.RideShare.Enabling_Control_12: 1`()
System.RideShare.Enabling_Control_14: 1`()
System.RideShare.Enabling_Control_16: 1`()
System.RideShare.Enabling_Control_18: 1`()

```

```

System.RideShare.Enabling_Control_20: 1`()
System.RideShare.Enabling_Control_22: 1`()
System.RideShare.Enabling_Control_4: 1`()
System.RideShare.Enabling_Control_6: 1`()
System.RideShare.Enabling_Control_8: 1`()
System.RideShare.FREE__CARS: 1`(1,43,250,(1,1))@1738.20802142
System.garage.Enabling_Control_24: 1`()
System.garage.Enabling_Control_26: 1`()
System.passengers.Enabling_Control_2: 1`()
System.passengers.counter: 1`121@805.49908951

```

No Allowed Transtions for RQ2.1 Car recharging (Task 2) - BTLGrader

- Enabled Transitions:
System.passengers.new_passenger
- Executed Trace:

```

0.0 System.garage.end_service{ cid = 1 }
0.0 System.RideShare.FINISHED__SERVICE{ cid = 1 }
0.0 System.RideShare.CREATE__CARPOOL{ charge = 250, cid = 1, pid = 1, trips = 0, x1 = 1, x2 = 4, x3 = 1, y1 = 4, y2 = 1, y3 = 1 }
0.0 System.RideShare.JOIN__CARPOOL{ cPool = ((1,0,250,(1,1)),[(1,(1,4),(4,1))]), pid = 1, x1 = 1, x2 = 4, y1 = 4, y2 = 1 }
0.0 System.RideShare.JOIN__CARPOOL{ cPool = ((1,0,250,(1,1)),[(1,(1,4),(4,1))]), pid = 1, x1 = 1, x2 = 4, y1 = 4, y2 = 1 }
0.0 System.RideShare.JOIN__CARPOOL{ cPool = ((1,0,250,(1,1)),[(1,(1,4),(4,1))]), pid = 1, x1 = 1, x2 = 4, y1 = 4, y2 = 1 }
10.0 System.RideShare.START__TRIP{ cPool = ((1,0,250,(1,1)),[(1,(1,4),(4,1))]), charge = 250, cid = 1, trips = 0, x3 = 1, y3 = 1 }
10.0 System.RideShare.DROP__OFF__PASS{ cPool = ((1,0,247,(1,4)),[(1,(1,4),(4,1))]), pid = 1, x1 = 1, x2 = 4, y1 = 4, y2 = 1 }
10.0 System.RideShare.DROP__OFF__PASS{ cPool = ((1,0,241,(4,1)),[(1,(1,4),(4,1))]), pid = 1, x1 = 1, x2 = 4, y1 = 4, y2 = 1 }
10.0 System.RideShare.DROP__OFF__PASS{ cPool = ((1,0,241,(4,1)),[(1,(1,4),(4,1))]), pid = 1, x1 = 1, x2 = 4, y1 = 4, y2 = 1 }
10.0 System.RideShare.DONE{ cPool = ((1,0,241,(4,1)),[(1,(1,4),(4,1))]) }
11.0 System.RideShare.NEED__CHARGE{ charge = 241, cid = 1, trips = 1, x3 = 4, y3 = 1 }
20.0 System.RideShare.CHARGE{ charge = 238, cid = 1, t = 2, trips = 1, x3 = 1, y3 = 1 }
22.0 System.RideShare.CHARGE{ charge = 239, cid = 1, t = 3, trips = 1, x3 = 1, y3 = 1 }
24.0 System.RideShare.CHARGE{ charge = 240, cid = 1, t = 3, trips = 1, x3 = 1, y3 = 1 }
26.0 System.RideShare.CHARGE{ charge = 241, cid = 1, t = 2, trips = 1, x3 = 1, y3 = 1 }
28.0 System.RideShare.CHARGE{ charge = 242, cid = 1, t = 2, trips = 1, x3 = 1, y3 = 1 }
30.0 System.RideShare.CHARGE{ charge = 243, cid = 1, t = 3, trips = 1, x3 = 1, y3 = 1 }
32.0 System.RideShare.CHARGE{ charge = 244, cid = 1, t = 1, trips = 1, x3 = 1, y3 = 1 }
34.0 System.RideShare.CHARGE{ charge = 245, cid = 1, t = 1, trips = 1, x3 = 1, y3 = 1 }
36.0 System.RideShare.CHARGE{ charge = 246, cid = 1, t = 1, trips = 1, x3 = 1, y3 = 1 }
38.0 System.RideShare.CHARGE{ charge = 247, cid = 1, t = 1, trips = 1, x3 = 1, y3 = 1 }
40.0 System.RideShare.CHARGE{ charge = 248, cid = 1, t = 2, trips = 1, x3 = 1, y3 = 1 }
42.0 System.RideShare.CHARGE{ charge = 249, cid = 1, t = 1, trips = 1, x3 = 1, y3 = 1 }
44.0 System.RideShare.DONE__CHARGE{ charge = 250, cid = 1, trips = 1, x3 = 1, y3 = 1 }
44.0 System.RideShare.CREATE__CARPOOL{ charge = 250, cid = 1, pid = 1, trips = 1, x1 = 1, x2 = 4, x3 = 1, y1 = 4, y2 = 1, y3 = 1 }
44.0 System.RideShare.JOIN__CARPOOL{ cPool = ((1,1,250,(1,1)),[(1,(1,4),(4,1))]), pid = 1, x1 = 1, x2 = 4, y1 = 4, y2 = 1 }
44.0 System.RideShare.JOIN__CARPOOL{ cPool = ((1,1,250,(1,1)),[(1,(1,4),(4,1))]), pid = 1, x1 = 1, x2 = 4, y1 = 4, y2 = 1 }
44.0 System.RideShare.JOIN__CARPOOL{ cPool = ((1,1,250,(1,1)),[(1,(1,4),(4,1))]), pid = 1, x1 = 1, x2 = 4, y1 = 4, y2 = 1 }
54.0 System.RideShare.START__TRIP{ cPool = ((1,1,250,(1,1)),[(1,(1,4),(4,1))]), charge = 250, cid = 1, trips = 1, x3 = 1, y3 = 1 }
54.0 System.RideShare.DROP__OFF__PASS{ cPool = ((1,1,247,(1,4)),[(1,(1,4),(4,1))]), pid = 1, x1 = 1, x2 = 4, y1 = 4, y2 = 1 }
54.0 System.RideShare.DROP__OFF__PASS{ cPool = ((1,1,241,(4,1)),[(1,(1,4),(4,1))]), pid = 1, x1 = 1, x2 = 4, y1 = 4, y2 = 1 }
54.0 System.RideShare.DROP__OFF__PASS{ cPool = ((1,1,241,(4,1)),[(1,(1,4),(4,1))]), pid = 1, x1 = 1, x2 = 4, y1 = 4, y2 = 1 }
54.0 System.RideShare.DONE{ cPool = ((1,1,241,(4,1)),[(1,(1,4),(4,1))]) }
55.0 System.RideShare.CREATE__CARPOOL{ charge = 241, cid = 1, pid = 1, trips = 2, x1 = 1, x2 = 4, x3 = 4, y1 = 4, y2 = 1, y3 = 1 }
55.0 System.RideShare.JOIN__CARPOOL{ cPool = ((1,2,241,(4,1)),[(1,(1,4),(4,1))]), pid = 1, x1 = 1, x2 = 4, y1 = 4, y2 = 1 }
55.0 System.RideShare.JOIN__CARPOOL{ cPool = ((1,2,241,(4,1)),[(1,(1,4),(4,1))]), pid = 1, x1 = 1, x2 = 4, y1 = 4, y2 = 1 }
55.0 System.RideShare.JOIN__CARPOOL{ cPool = ((1,2,241,(4,1)),[(1,(1,4),(4,1))]), pid = 1, x1 = 1, x2 = 4, y1 = 4, y2 = 1 }
74.0 System.RideShare.START__TRIP{ cPool = ((1,2,241,(4,1)),[(1,(1,4),(4,1))]), charge = 241, cid = 1, trips = 2, x3 = 4, y3 = 1 }
74.0 System.RideShare.DROP__OFF__PASS{ cPool = ((1,2,235,(1,4)),[(1,(1,4),(4,1))]), pid = 1, x1 = 1, x2 = 4, y1 = 4, y2 = 1 }
74.0 System.RideShare.DROP__OFF__PASS{ cPool = ((1,2,229,(4,1)),[(1,(1,4),(4,1))]), pid = 1, x1 = 1, x2 = 4, y1 = 4, y2 = 1 }
74.0 System.RideShare.DROP__OFF__PASS{ cPool = ((1,2,229,(4,1)),[(1,(1,4),(4,1))]), pid = 1, x1 = 1, x2 = 4, y1 = 4, y2 = 1 }
74.0 System.RideShare.DONE{ cPool = ((1,2,229,(4,1)),[(1,(1,4),(4,1))]) }
75.0 System.RideShare.CREATE__CARPOOL{ charge = 229, cid = 1, pid = 1, trips = 3, x1 = 1, x2 = 4, x3 = 4, y1 = 4, y2 = 1, y3 = 1 }
75.0 System.RideShare.JOIN__CARPOOL{ cPool = ((1,3,229,(4,1)),[(1,(1,4),(4,1))]), pid = 1, x1 = 1, x2 = 4, y1 = 4, y2 = 1 }
75.0 System.RideShare.JOIN__CARPOOL{ cPool = ((1,3,229,(4,1)),[(1,(1,4),(4,1))]), pid = 1, x1 = 1, x2 = 4, y1 = 4, y2 = 1 }
75.0 System.RideShare.JOIN__CARPOOL{ cPool = ((1,3,229,(4,1)),[(1,(1,4),(4,1))]), pid = 1, x1 = 1, x2 = 4, y1 = 4, y2 = 1 }
94.0 System.RideShare.START__TRIP{ cPool = ((1,3,229,(4,1)),[(1,(1,4),(4,1))]), charge = 229, cid = 1, trips = 3, x3 = 4, y3 = 1 }
94.0 System.RideShare.DROP__OFF__PASS{ cPool = ((1,3,223,(1,4)),[(1,(1,4),(4,1))]), pid = 1, x1 = 1, x2 = 4, y1 = 4, y2 = 1 }
94.0 System.RideShare.DROP__OFF__PASS{ cPool = ((1,3,217,(4,1)),[(1,(1,4),(4,1))]), pid = 1, x1 = 1, x2 = 4, y1 = 4, y2 = 1 }
94.0 System.RideShare.DROP__OFF__PASS{ cPool = ((1,3,217,(4,1)),[(1,(1,4),(4,1))]), pid = 1, x1 = 1, x2 = 4, y1 = 4, y2 = 1 }
94.0 System.RideShare.DONE{ cPool = ((1,3,217,(4,1)),[(1,(1,4),(4,1))]) }
95.0 System.RideShare.NEED__CHARGE{ charge = 217, cid = 1, trips = 4, x3 = 4, y3 = 1 }
104.0 System.RideShare.CHARGE{ charge = 214, cid = 1, t = 1, trips = 4, x3 = 1, y3 = 1 }
106.0 System.RideShare.CHARGE{ charge = 215, cid = 1, t = 1, trips = 4, x3 = 1, y3 = 1 }
108.0 System.RideShare.CHARGE{ charge = 216, cid = 1, t = 3, trips = 4, x3 = 1, y3 = 1 }
110.0 System.RideShare.CHARGE{ charge = 217, cid = 1, t = 1, trips = 4, x3 = 1, y3 = 1 }
112.0 System.RideShare.CHARGE{ charge = 218, cid = 1, t = 3, trips = 4, x3 = 1, y3 = 1 }

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114.0 System.RideShare.CHARGE{ charge = 219, cid = 1, t = 2, trips = 4, x3 = 1, y3 = 1 }
116.0 System.RideShare.CHARGE{ charge = 220, cid = 1, t = 1, trips = 4, x3 = 1, y3 = 1 }
118.0 System.RideShare.CHARGE{ charge = 221, cid = 1, t = 2, trips = 4, x3 = 1, y3 = 1 }
120.0 System.RideShare.CHARGE{ charge = 222, cid = 1, t = 2, trips = 4, x3 = 1, y3 = 1 }
122.0 System.RideShare.CHARGE{ charge = 223, cid = 1, t = 1, trips = 4, x3 = 1, y3 = 1 }
124.0 System.RideShare.CHARGE{ charge = 224, cid = 1, t = 1, trips = 4, x3 = 1, y3 = 1 }
126.0 System.RideShare.CHARGE{ charge = 225, cid = 1, t = 3, trips = 4, x3 = 1, y3 = 1 }
128.0 System.RideShare.CHARGE{ charge = 226, cid = 1, t = 2, trips = 4, x3 = 1, y3 = 1 }
130.0 System.RideShare.CHARGE{ charge = 227, cid = 1, t = 3, trips = 4, x3 = 1, y3 = 1 }
132.0 System.RideShare.CHARGE{ charge = 228, cid = 1, t = 3, trips = 4, x3 = 1, y3 = 1 }
134.0 System.RideShare.CHARGE{ charge = 229, cid = 1, t = 1, trips = 4, x3 = 1, y3 = 1 }
136.0 System.RideShare.CHARGE{ charge = 230, cid = 1, t = 2, trips = 4, x3 = 1, y3 = 1 }
138.0 System.RideShare.CHARGE{ charge = 231, cid = 1, t = 1, trips = 4, x3 = 1, y3 = 1 }
140.0 System.RideShare.CHARGE{ charge = 232, cid = 1, t = 2, trips = 4, x3 = 1, y3 = 1 }
142.0 System.RideShare.CHARGE{ charge = 233, cid = 1, t = 3, trips = 4, x3 = 1, y3 = 1 }
144.0 System.RideShare.CHARGE{ charge = 234, cid = 1, t = 3, trips = 4, x3 = 1, y3 = 1 }
146.0 System.RideShare.CHARGE{ charge = 235, cid = 1, t = 3, trips = 4, x3 = 1, y3 = 1 }
148.0 System.RideShare.CHARGE{ charge = 236, cid = 1, t = 1, trips = 4, x3 = 1, y3 = 1 }
150.0 System.RideShare.CHARGE{ charge = 237, cid = 1, t = 1, trips = 4, x3 = 1, y3 = 1 }
152.0 System.RideShare.CHARGE{ charge = 238, cid = 1, t = 2, trips = 4, x3 = 1, y3 = 1 }
154.0 System.RideShare.CHARGE{ charge = 239, cid = 1, t = 1, trips = 4, x3 = 1, y3 = 1 }
156.0 System.RideShare.CHARGE{ charge = 240, cid = 1, t = 2, trips = 4, x3 = 1, y3 = 1 }
158.0 System.RideShare.CHARGE{ charge = 241, cid = 1, t = 3, trips = 4, x3 = 1, y3 = 1 }
160.0 System.RideShare.CHARGE{ charge = 242, cid = 1, t = 2, trips = 4, x3 = 1, y3 = 1 }
162.0 System.RideShare.CHARGE{ charge = 243, cid = 1, t = 3, trips = 4, x3 = 1, y3 = 1 }
164.0 System.RideShare.CHARGE{ charge = 244, cid = 1, t = 2, trips = 4, x3 = 1, y3 = 1 }
166.0 System.RideShare.CHARGE{ charge = 245, cid = 1, t = 1, trips = 4, x3 = 1, y3 = 1 }
168.0 System.RideShare.CHARGE{ charge = 246, cid = 1, t = 1, trips = 4, x3 = 1, y3 = 1 }
170.0 System.RideShare.CHARGE{ charge = 247, cid = 1, t = 3, trips = 4, x3 = 1, y3 = 1 }
172.0 System.RideShare.CHARGE{ charge = 248, cid = 1, t = 3, trips = 4, x3 = 1, y3 = 1 }
174.0 System.RideShare.CHARGE{ charge = 249, cid = 1, t = 2, trips = 4, x3 = 1, y3 = 1 }
176.0 System.RideShare.DONE__CHARGE{ charge = 250, cid = 1, trips = 4, x3 = 1, y3 = 1 }
176.0 System.RideShare.CREATE__CARPOOL{ charge = 250, cid = 1, pid = 1, trips = 4, x1 = 1, x2 = 4, x3 = 1, y1 = 4, y2 = 1, y3 = 1 }
176.0 System.RideShare.JOIN__CARPOOL{ cPool = ((1,4,250,(1,1)),[(1,(1,4),(4,1))]), pid = 1, x1 = 1, x2 = 4, y1 = 4, y2 = 1 }
176.0 System.RideShare.JOIN__CARPOOL{ cPool = ((1,4,250,(1,1)),[(1,(1,4),(4,1))]), pid = 1, x1 = 1, x2 = 4, y1 = 4, y2 = 1 }
176.0 System.RideShare.JOIN__CARPOOL{ cPool = ((1,4,250,(1,1)),[(1,(1,4),(4,1))]), pid = 1, x1 = 1, x2 = 4, y1 = 4, y2 = 1 }
186.0 System.RideShare.START__TRIP{ cPool = ((1,4,250,(1,1)),[(1,(1,4),(4,1))]), charge = 250, cid = 1, trips = 4, x3 = 1, y3 = 1 }
186.0 System.RideShare.DROP__OFF__PASS{ cPool = ((1,4,247,(1,4)),[(1,(1,4),(4,1))]), pid = 1, x1 = 1, x2 = 4, y1 = 4, y2 = 1 }
186.0 System.RideShare.DROP__OFF__PASS{ cPool = ((1,4,241,(4,1)),[(1,(1,4),(4,1))]), pid = 1, x1 = 1, x2 = 4, y1 = 4, y2 = 1 }
186.0 System.RideShare.DROP__OFF__PASS{ cPool = ((1,4,241,(4,1)),[(1,(1,4),(4,1))]), pid = 1, x1 = 1, x2 = 4, y1 = 4, y2 = 1 }
186.0 System.RideShare.DONE{ cPool = ((1,4,241,(4,1)),[(1,(1,4),(4,1))]) }
187.0 System.RideShare.CREATE__CARPOOL{ charge = 241, cid = 1, pid = 1, trips = 5, x1 = 1, x2 = 4, x3 = 4, y1 = 4, y2 = 1, y3 = 1 }
206.0 System.RideShare.START__TRIP{ cPool = ((1,5,241,(4,1)),[(1,(1,4),(4,1))]), charge = 241, cid = 1, trips = 5, x3 = 4, y3 = 1 }
206.0 System.RideShare.DONE{ cPool = ((1,5,235,(1,4)),[(1,(1,4),(4,1))]) }
225.0 System.RideShare.NEED__CHARGE{ charge = 229, cid = 1, trips = 6, x3 = 4, y3 = 1 }
234.0 System.RideShare.CHARGE{ charge = 226, cid = 1, t = 3, trips = 6, x3 = 1, y3 = 1 }
236.0 System.RideShare.CHARGE{ charge = 227, cid = 1, t = 1, trips = 6, x3 = 1, y3 = 1 }
238.0 System.RideShare.CHARGE{ charge = 228, cid = 1, t = 3, trips = 6, x3 = 1, y3 = 1 }
240.0 System.RideShare.CHARGE{ charge = 229, cid = 1, t = 3, trips = 6, x3 = 1, y3 = 1 }
242.0 System.RideShare.CHARGE{ charge = 230, cid = 1, t = 2, trips = 6, x3 = 1, y3 = 1 }
244.0 System.RideShare.CHARGE{ charge = 231, cid = 1, t = 1, trips = 6, x3 = 1, y3 = 1 }
246.0 System.RideShare.CHARGE{ charge = 232, cid = 1, t = 2, trips = 6, x3 = 1, y3 = 1 }
248.0 System.RideShare.CHARGE{ charge = 233, cid = 1, t = 1, trips = 6, x3 = 1, y3 = 1 }
250.0 System.RideShare.CHARGE{ charge = 234, cid = 1, t = 1, trips = 6, x3 = 1, y3 = 1 }
252.0 System.RideShare.CHARGE{ charge = 235, cid = 1, t = 2, trips = 6, x3 = 1, y3 = 1 }
254.0 System.RideShare.CHARGE{ charge = 236, cid = 1, t = 3, trips = 6, x3 = 1, y3 = 1 }
256.0 System.RideShare.CHARGE{ charge = 237, cid = 1, t = 2, trips = 6, x3 = 1, y3 = 1 }
258.0 System.RideShare.CHARGE{ charge = 238, cid = 1, t = 3, trips = 6, x3 = 1, y3 = 1 }
260.0 System.RideShare.CHARGE{ charge = 239, cid = 1, t = 2, trips = 6, x3 = 1, y3 = 1 }
262.0 System.RideShare.CHARGE{ charge = 240, cid = 1, t = 2, trips = 6, x3 = 1, y3 = 1 }
264.0 System.RideShare.CHARGE{ charge = 241, cid = 1, t = 3, trips = 6, x3 = 1, y3 = 1 }
266.0 System.RideShare.CHARGE{ charge = 242, cid = 1, t = 3, trips = 6, x3 = 1, y3 = 1 }
268.0 System.RideShare.CHARGE{ charge = 243, cid = 1, t = 3, trips = 6, x3 = 1, y3 = 1 }
270.0 System.RideShare.CHARGE{ charge = 244, cid = 1, t = 1, trips = 6, x3 = 1, y3 = 1 }
272.0 System.RideShare.CHARGE{ charge = 245, cid = 1, t = 1, trips = 6, x3 = 1, y3 = 1 }
274.0 System.RideShare.CHARGE{ charge = 246, cid = 1, t = 2, trips = 6, x3 = 1, y3 = 1 }
276.0 System.RideShare.CHARGE{ charge = 247, cid = 1, t = 3, trips = 6, x3 = 1, y3 = 1 }
278.0 System.RideShare.CHARGE{ charge = 248, cid = 1, t = 3, trips = 6, x3 = 1, y3 = 1 }
280.0 System.RideShare.CHARGE{ charge = 249, cid = 1, t = 1, trips = 6, x3 = 1, y3 = 1 }
282.0 System.RideShare.DONE__CHARGE{ charge = 250, cid = 1, trips = 6, x3 = 1, y3 = 1 }

```

- Initial Formula:

```

(@(!System.passengers.new_passenger)) &
(System.new_call := "21"(1,(1,4),(4,1))@0.0) &
(System.garage.in_service := "1"1@0.0) &
(--> ([ time > 751 && time < 780 && (!System.at_destination) = 20 ]))

```
- Parsed Formula:

```

(((@ (!system.passengers.newpassenger))) & (System.new_call := "21"(1,(1,4),(4,1))@0.0)) & (System.garage.in_service := "1"1@0.0)) & (-->
([(((751) < (time))) & ((time) < (780))) & ((!system.atdestination) = (20))]))

```

- Formula at error:
 (@ (!(system.passengers.newpassenger))) & (--> (((751) < (time)) & ((time) < (780))) & ((system.atdestination) = (20))))
- Marking at error:
 System.RideShare.CHARGE__LIMIT: 1`1@282.0 +++ 1`2@276.0 +++ 1`3@280.0
 System.RideShare.Enabling_Control_10: 1`()
 System.RideShare.Enabling_Control_12: 1`()
 System.RideShare.Enabling_Control_14: 1`()
 System.RideShare.Enabling_Control_16: 1`()
 System.RideShare.Enabling_Control_18: 1`()
 System.RideShare.Enabling_Control_20: 1`()
 System.RideShare.Enabling_Control_22: 1`()
 System.RideShare.Enabling_Control_4: 1`()
 System.RideShare.Enabling_Control_6: 1`()
 System.RideShare.Enabling_Control_8: 1`()
 System.RideShare.FREE__CARS: 1`1(6,250,(1,1))@282.0
 System.at_destination: 1`1(4,1))@225.0 +++ 1`1(4,1))@205.0 +++ 3`1(4,1))@187.0 +++ 1`1(4,1))@113.0 +++ 3`1(4,1))@95.0 +++
 1`1(4,1))@93.0 +++ 3`1(4,1))@75.0 +++ 1`1(4,1))@73.0 +++ 3`1(4,1))@55.0 +++ 1`1(4,1))@29.0 +++ 3`1(4,1))@11.0
 System.garage.Enabling_Control_24: 1`()
 System.garage.Enabling_Control_26: 1`()
 System.passengers.Enabling_Control_2: 1`()
 System.passengers.counter: 1`1@0.0

No Allowed Transtions for RQ2.3 Car service after 120 trips (Task 2) - BTLGrader

- Enabled Transitions:
 System.passengers.new_passenger
- Executed Trace:
 0.0 System.garage.end_service{ cid = 1 }
 0.0 System.RideShare.FINISHED__SERVICE{ cid = 1 }
 0.0 System.RideShare.CREATE__CARPOOL{ charge = 250, cid = 1, pid = 1, trips = 0, x1 = 1, x2 = 4, x3 = 1, y1 = 2, y2 = 1, y3 = 1 }
 0.0 System.RideShare.JOIN__CARPOOL{ cPool = ((1,0,250,(1,1)),[(1,(1,2),(4,1))]), pid = 1, x1 = 1, x2 = 4, y1 = 2, y2 = 1 }
 0.0 System.RideShare.JOIN__CARPOOL{ cPool = ((1,0,250,(1,1)),[(1,(1,2),(4,1)),(1,(1,2),(4,1))]), pid = 1, x1 = 1, x2 = 4, y1 = 2, y2 = 1 }
 0.0 System.RideShare.JOIN__CARPOOL{ cPool = ((1,0,250,(1,1)),[(1,(1,2),(4,1)),(1,(1,2),(4,1)),(1,(1,2),(4,1))]), pid = 1, x1 = 1, x2 = 4, y1 = 2, y2 = 1 }
 4.0 System.RideShare.START__TRIP{ cPool = ((1,0,250,(1,1)),[(1,(1,2),(4,1)),(1,(1,2),(4,1)),(1,(1,2),(4,1)),(1,(1,2),(4,1))]), charge = 250, cid = 1, trips = 0, x3 = 1, y3 = 1 }
 4.0 System.RideShare.DROP__OFF__PASS{ cPool = ((1,0,249,(1,2)),[(1,(1,2),(4,1)),(1,(1,2),(4,1)),(1,(1,2),(4,1)),(1,(1,2),(4,1))]) }
 4.0 System.RideShare.DROP__OFF__PASS{ cPool = ((1,0,245,(4,1)),[(1,(1,2),(4,1)),(1,(1,2),(4,1)),(1,(1,2),(4,1))]) }
 4.0 System.RideShare.DROP__OFF__PASS{ cPool = ((1,0,245,(4,1)),[(1,(1,2),(4,1)),(1,(1,2),(4,1))]) }
 4.0 System.RideShare.DONE{ cPool = ((1,0,245,(4,1)),[(1,(1,2),(4,1))]) }
 5.0 System.RideShare.CREATE__CARPOOL{ charge = 245, cid = 1, pid = 1, trips = 1, x1 = 1, x2 = 4, x3 = 4, y1 = 2, y2 = 1, y3 = 1 }
 5.0 System.RideShare.JOIN__CARPOOL{ cPool = ((1,1,245,(4,1)),[(1,(1,2),(4,1))]), pid = 1, x1 = 1, x2 = 4, y1 = 2, y2 = 1 }
 5.0 System.RideShare.JOIN__CARPOOL{ cPool = ((1,1,245,(4,1)),[(1,(1,2),(4,1)),(1,(1,2),(4,1))]), pid = 1, x1 = 1, x2 = 4, y1 = 2, y2 = 1 }
 5.0 System.RideShare.JOIN__CARPOOL{ cPool = ((1,1,245,(4,1)),[(1,(1,2),(4,1)),(1,(1,2),(4,1)),(1,(1,2),(4,1))]), pid = 1, x1 = 1, x2 = 4, y1 = 2, y2 = 1 }
 18.0 System.RideShare.START__TRIP{ cPool = ((1,1,245,(4,1)),[(1,(1,2),(4,1)),(1,(1,2),(4,1)),(1,(1,2),(4,1)),(1,(1,2),(4,1))]), charge = 245, cid = 1, trips = 1, x3 = 4, y3 = 1 }
 18.0 System.RideShare.DROP__OFF__PASS{ cPool = ((1,1,241,(1,2)),[(1,(1,2),(4,1)),(1,(1,2),(4,1)),(1,(1,2),(4,1)),(1,(1,2),(4,1))]) }
 18.0 System.RideShare.DROP__OFF__PASS{ cPool = ((1,1,237,(4,1)),[(1,(1,2),(4,1)),(1,(1,2),(4,1)),(1,(1,2),(4,1))]) }
 18.0 System.RideShare.DROP__OFF__PASS{ cPool = ((1,1,237,(4,1)),[(1,(1,2),(4,1)),(1,(1,2),(4,1))]) }
 18.0 System.RideShare.DONE{ cPool = ((1,1,237,(4,1)),[(1,(1,2),(4,1))]) }
 19.0 System.RideShare.NEED__CHARGE{ charge = 237, cid = 1, trips = 2, x3 = 4, y3 = 1 }
 28.0 System.RideShare.CHARGE{ charge = 234, cid = 1, t = 2, trips = 2, x3 = 1, y3 = 1 }
 30.0 System.RideShare.CHARGE{ charge = 235, cid = 1, t = 3, trips = 2, x3 = 1, y3 = 1 }
 32.0 System.RideShare.CHARGE{ charge = 236, cid = 1, t = 3, trips = 2, x3 = 1, y3 = 1 }
 34.0 System.RideShare.CHARGE{ charge = 237, cid = 1, t = 2, trips = 2, x3 = 1, y3 = 1 }
 36.0 System.RideShare.CHARGE{ charge = 238, cid = 1, t = 2, trips = 2, x3 = 1, y3 = 1 }
 38.0 System.RideShare.CHARGE{ charge = 239, cid = 1, t = 1, trips = 2, x3 = 1, y3 = 1 }
 40.0 System.RideShare.CHARGE{ charge = 240, cid = 1, t = 3, trips = 2, x3 = 1, y3 = 1 }
 42.0 System.RideShare.CHARGE{ charge = 241, cid = 1, t = 2, trips = 2, x3 = 1, y3 = 1 }
 44.0 System.RideShare.CHARGE{ charge = 242, cid = 1, t = 3, trips = 2, x3 = 1, y3 = 1 }
 46.0 System.RideShare.CHARGE{ charge = 243, cid = 1, t = 2, trips = 2, x3 = 1, y3 = 1 }
 48.0 System.RideShare.CHARGE{ charge = 244, cid = 1, t = 2, trips = 2, x3 = 1, y3 = 1 }
 50.0 System.RideShare.CHARGE{ charge = 245, cid = 1, t = 2, trips = 2, x3 = 1, y3 = 1 }
 52.0 System.RideShare.CHARGE{ charge = 246, cid = 1, t = 2, trips = 2, x3 = 1, y3 = 1 }
 54.0 System.RideShare.CHARGE{ charge = 247, cid = 1, t = 1, trips = 2, x3 = 1, y3 = 1 }
 56.0 System.RideShare.CHARGE{ charge = 248, cid = 1, t = 1, trips = 2, x3 = 1, y3 = 1 }
 58.0 System.RideShare.CHARGE{ charge = 249, cid = 1, t = 3, trips = 2, x3 = 1, y3 = 1 }
 60.0 System.RideShare.DONE__CHARGE{ charge = 250, cid = 1, trips = 2, x3 = 1, y3 = 1 }
 60.0 System.RideShare.CREATE__CARPOOL{ charge = 250, cid = 1, pid = 1, trips = 2, x1 = 1, x2 = 4, x3 = 1, y1 = 2, y2 = 1, y3 = 1 }
 60.0 System.RideShare.JOIN__CARPOOL{ cPool = ((1,2,250,(1,1)),[(1,(1,2),(4,1))]), pid = 1, x1 = 1, x2 = 4, y1 = 2, y2 = 1 }
 60.0 System.RideShare.JOIN__CARPOOL{ cPool = ((1,2,250,(1,1)),[(1,(1,2),(4,1)),(1,(1,2),(4,1))]), pid = 1, x1 = 1, x2 = 4, y1 = 2, y2 = 1 }
 60.0 System.RideShare.JOIN__CARPOOL{ cPool = ((1,2,250,(1,1)),[(1,(1,2),(4,1)),(1,(1,2),(4,1)),(1,(1,2),(4,1))]), pid = 1, x1 = 1, x2 = 4, y1 = 2, y2 = 1 }
 64.0 System.RideShare.START__TRIP{ cPool = ((1,2,250,(1,1)),[(1,(1,2),(4,1)),(1,(1,2),(4,1)),(1,(1,2),(4,1)),(1,(1,2),(4,1))]), charge = 250, cid = 1, trips = 2, x3 = 1, y3 = 1 }
 64.0 System.RideShare.DROP__OFF__PASS{ cPool = ((1,2,249,(1,2)),[(1,(1,2),(4,1)),(1,(1,2),(4,1)),(1,(1,2),(4,1)),(1,(1,2),(4,1))]) }
 64.0 System.RideShare.DROP__OFF__PASS{ cPool = ((1,2,245,(4,1)),[(1,(1,2),(4,1)),(1,(1,2),(4,1)),(1,(1,2),(4,1))]) }
 64.0 System.RideShare.DROP__OFF__PASS{ cPool = ((1,2,245,(4,1)),[(1,(1,2),(4,1)),(1,(1,2),(4,1))]) }
 64.0 System.RideShare.DONE{ cPool = ((1,2,245,(4,1)),[(1,(1,2),(4,1))]) }
 65.0 System.RideShare.CREATE__CARPOOL{ charge = 245, cid = 1, pid = 1, trips = 3, x1 = 1, x2 = 4, x3 = 4, y1 = 2, y2 = 1, y3 = 1 }

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trips = 55, x3 = 4, y3 = 1 }
1638.0 System.RideShare.DROP__OFF__PASS{ cPool = ((1,55,241,(1,2)),[(1,(1,2),(4,1))),(1,(1,2),(4,1))),(1,(1,2),(4,1))),(1,(1,2),(4,1)))] }
1638.0 System.RideShare.DROP__OFF__PASS{ cPool = ((1,55,237,(4,1)),[(1,(1,2),(4,1))),(1,(1,2),(4,1))),(1,(1,2),(4,1))),(1,(1,2),(4,1)))] }
1638.0 System.RideShare.DROP__OFF__PASS{ cPool = ((1,55,237,(4,1)),[(1,(1,2),(4,1))),(1,(1,2),(4,1))),(1,(1,2),(4,1))),(1,(1,2),(4,1)))] }
1638.0 System.RideShare.DONE{ cPool = ((1,55,237,(4,1)),[(1,(1,2),(4,1)))] }
1639.0 System.RideShare.CREATE__CARPOOL{ charge = 237, cid = 1, pid = 1, trips = 56, x1 = 1, x2 = 4, x3 = 4, y1 = 2, y2 = 1, y3 = 1 }
1639.0 System.RideShare.JOIN__CARPOOL{ cPool = ((1,56,237,(4,1)),[(1,(1,2),(4,1))),(1,(1,2),(4,1))),(1,(1,2),(4,1))),(1,(1,2),(4,1)))] pid = 1, x1 = 1, x2 = 4, y1 = 2, y2 = 1 }
1639.0 System.RideShare.JOIN__CARPOOL{ cPool = ((1,56,237,(4,1)),[(1,(1,2),(4,1))),(1,(1,2),(4,1))),(1,(1,2),(4,1))),(1,(1,2),(4,1)))] pid = 1, x1 = 1, x2 = 4, y1 = 2, y2 = 1 }
1639.0 System.RideShare.JOIN__CARPOOL{ cPool = ((1,56,237,(4,1)),[(1,(1,2),(4,1))),(1,(1,2),(4,1))),(1,(1,2),(4,1))),(1,(1,2),(4,1)))] pid = 1, x1 = 1, x2 = 4, y1 = 2, y2 = 1 }
1652.0 System.RideShare.START__TRIP{ cPool = ((1,56,237,(4,1)),[(1,(1,2),(4,1))),(1,(1,2),(4,1))),(1,(1,2),(4,1))),(1,(1,2),(4,1)))] charge = 237, cid = 1, trips = 56, x3 = 4, y3 = 1 }
1652.0 System.RideShare.DROP__OFF__PASS{ cPool = ((1,56,233,(1,2)),[(1,(1,2),(4,1))),(1,(1,2),(4,1))),(1,(1,2),(4,1))),(1,(1,2),(4,1)))] }
1652.0 System.RideShare.DROP__OFF__PASS{ cPool = ((1,56,229,(4,1)),[(1,(1,2),(4,1))),(1,(1,2),(4,1))),(1,(1,2),(4,1))),(1,(1,2),(4,1)))] }
1652.0 System.RideShare.DROP__OFF__PASS{ cPool = ((1,56,229,(4,1)),[(1,(1,2),(4,1))),(1,(1,2),(4,1))),(1,(1,2),(4,1))),(1,(1,2),(4,1)))] }
1652.0 System.RideShare.DONE{ cPool = ((1,56,229,(4,1)),[(1,(1,2),(4,1)))] }
1653.0 System.RideShare.NEED__CHARGE{ charge = 229, cid = 1, trips = 57, x3 = 4, y3 = 1 }
1662.0 System.RideShare.CHARGE{ charge = 226, cid = 1, t = 1, trips = 57, x3 = 1, y3 = 1 }
1664.0 System.RideShare.CHARGE{ charge = 227, cid = 1, t = 1, trips = 57, x3 = 1, y3 = 1 }
1666.0 System.RideShare.CHARGE{ charge = 228, cid = 1, t = 1, trips = 57, x3 = 1, y3 = 1 }
1668.0 System.RideShare.CHARGE{ charge = 229, cid = 1, t = 3, trips = 57, x3 = 1, y3 = 1 }
1670.0 System.RideShare.CHARGE{ charge = 230, cid = 1, t = 2, trips = 57, x3 = 1, y3 = 1 }
1672.0 System.RideShare.CHARGE{ charge = 231, cid = 1, t = 2, trips = 57, x3 = 1, y3 = 1 }
1674.0 System.RideShare.CHARGE{ charge = 232, cid = 1, t = 2, trips = 57, x3 = 1, y3 = 1 }
1676.0 System.RideShare.CHARGE{ charge = 233, cid = 1, t = 2, trips = 57, x3 = 1, y3 = 1 }
1678.0 System.RideShare.CHARGE{ charge = 234, cid = 1, t = 2, trips = 57, x3 = 1, y3 = 1 }
1680.0 System.RideShare.CHARGE{ charge = 235, cid = 1, t = 2, trips = 57, x3 = 1, y3 = 1 }
1682.0 System.RideShare.CHARGE{ charge = 236, cid = 1, t = 1, trips = 57, x3 = 1, y3 = 1 }
1684.0 System.RideShare.CHARGE{ charge = 237, cid = 1, t = 2, trips = 57, x3 = 1, y3 = 1 }
1686.0 System.RideShare.CHARGE{ charge = 238, cid = 1, t = 2, trips = 57, x3 = 1, y3 = 1 }
1688.0 System.RideShare.CHARGE{ charge = 239, cid = 1, t = 1, trips = 57, x3 = 1, y3 = 1 }
1690.0 System.RideShare.CHARGE{ charge = 240, cid = 1, t = 3, trips = 57, x3 = 1, y3 = 1 }
1692.0 System.RideShare.CHARGE{ charge = 241, cid = 1, t = 3, trips = 57, x3 = 1, y3 = 1 }
1694.0 System.RideShare.CHARGE{ charge = 242, cid = 1, t = 2, trips = 57, x3 = 1, y3 = 1 }
1696.0 System.RideShare.CHARGE{ charge = 243, cid = 1, t = 2, trips = 57, x3 = 1, y3 = 1 }
1698.0 System.RideShare.CHARGE{ charge = 244, cid = 1, t = 3, trips = 57, x3 = 1, y3 = 1 }
1700.0 System.RideShare.CHARGE{ charge = 245, cid = 1, t = 2, trips = 57, x3 = 1, y3 = 1 }
1702.0 System.RideShare.CHARGE{ charge = 246, cid = 1, t = 1, trips = 57, x3 = 1, y3 = 1 }
1704.0 System.RideShare.CHARGE{ charge = 247, cid = 1, t = 1, trips = 57, x3 = 1, y3 = 1 }
1706.0 System.RideShare.CHARGE{ charge = 248, cid = 1, t = 3, trips = 57, x3 = 1, y3 = 1 }
1708.0 System.RideShare.CHARGE{ charge = 249, cid = 1, t = 3, trips = 57, x3 = 1, y3 = 1 }
1710.0 System.RideShare.DONE__CHARGE{ charge = 250, cid = 1, trips = 57, x3 = 1, y3 = 1 }
1710.0 System.RideShare.CREATE__CARPOOL{ charge = 250, cid = 1, pid = 1, trips = 57, x1 = 1, x2 = 4, x3 = 1, y1 = 2, y2 = 1, y3 = 1 }
1710.0 System.RideShare.JOIN__CARPOOL{ cPool = ((1,57,250,(1,1)),[(1,(1,2),(4,1)))] pid = 1, x1 = 1, x2 = 4, y1 = 2, y2 = 1 }
1714.0 System.RideShare.START__TRIP{ cPool = ((1,57,250,(1,1)),[(1,(1,2),(4,1))),(1,(1,2),(4,1)))] charge = 250, cid = 1, trips = 57, x3 = 1, y3 = 1 }
1714.0 System.RideShare.DROP__OFF__PASS{ cPool = ((1,57,249,(1,2)),[(1,(1,2),(4,1))),(1,(1,2),(4,1))),(1,(1,2),(4,1)))] }
1714.0 System.RideShare.DONE{ cPool = ((1,57,245,(4,1)),[(1,(1,2),(4,1)))] }
1715.0 System.RideShare.NEED__CHARGE{ charge = 245, cid = 1, trips = 58, x3 = 4, y3 = 1 }
1724.0 System.RideShare.CHARGE{ charge = 242, cid = 1, t = 2, trips = 58, x3 = 1, y3 = 1 }
1726.0 System.RideShare.CHARGE{ charge = 243, cid = 1, t = 1, trips = 58, x3 = 1, y3 = 1 }
1728.0 System.RideShare.CHARGE{ charge = 244, cid = 1, t = 2, trips = 58, x3 = 1, y3 = 1 }
1730.0 System.RideShare.CHARGE{ charge = 245, cid = 1, t = 2, trips = 58, x3 = 1, y3 = 1 }
1732.0 System.RideShare.CHARGE{ charge = 246, cid = 1, t = 1, trips = 58, x3 = 1, y3 = 1 }
1734.0 System.RideShare.CHARGE{ charge = 247, cid = 1, t = 3, trips = 58, x3 = 1, y3 = 1 }
1736.0 System.RideShare.CHARGE{ charge = 248, cid = 1, t = 1, trips = 58, x3 = 1, y3 = 1 }
1738.0 System.RideShare.CHARGE{ charge = 249, cid = 1, t = 3, trips = 58, x3 = 1, y3 = 1 }
1740.0 System.RideShare.DONE__CHARGE{ charge = 250, cid = 1, trips = 58, x3 = 1, y3 = 1 }
• Initial Formula:
(@(!System.passengers.new_passenger)) &
(System.new_call := "230"(1,(1,2),(4,1))@0.0) &
(System.garage.in_service := "1"1@0.0) &
(1 * (--> System.garage.start_service) -> ((--> System.garage.start_service) => false))
• Parsed Formula:
(((@(!system.passengers.newpassenger))) & (System.new_call := "230"(1,(1,2),(4,1))@0.0)) & (System.garage.in_service := "1"1@0.0)) & ((1 * (-->
(system.garage.startservice))) & ((1 * (--> (system.garage.startservice))) => ((--> (system.garage.startservice))) => (!true))))
• Formula at error:
(@(!system.passengers.newpassenger)) & ((1 * (--> (system.garage.startservice))) & ((1 * (--> (system.garage.startservice))) => ((-->
(system.garage.startservice))) => (!true))))
• Marking at error:
System.RideShare.CHARGE__LIMIT: 1`1@1738.0 +++ 1`2@1732.0 +++ 1`3@1740.0
System.RideShare.Enabling_Control_10: 1`()
System.RideShare.Enabling_Control_12: 1`()
System.RideShare.Enabling_Control_14: 1`()
System.RideShare.Enabling_Control_16: 1`()
System.RideShare.Enabling_Control_18: 1`()
System.RideShare.Enabling_Control_20: 1`()
System.RideShare.Enabling_Control_22: 1`()
System.RideShare.Enabling_Control_4: 1`()
System.RideShare.Enabling_Control_6: 1`()
System.RideShare.Enabling_Control_8: 1`()

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System.RideShare.FREE__CARS: 1^(1,58,250,(1,1))@1740.0
System.at_destination: 1^(1,(4,1))@1727.0 +++ 1^(1,(4,1))@1715.0 +++ 1^(1,(4,1))@1665.0 +++ 3^(1,(4,1))@1653.0 +++ 1^(1,(4,1))@1651.0 +++
3^(1,(4,1))@1639.0 +++ 1^(1,(4,1))@1637.0 +++ 3^(1,(4,1))@1625.0 +++ 1^(1,(4,1))@1607.0 +++ 3^(1,(4,1))@1595.0 +++ 1^(1,(4,1))@1577.0 +++
3^(1,(4,1))@1565.0 +++ 1^(1,(4,1))@1547.0 +++ 3^(1,(4,1))@1535.0 +++ 1^(1,(4,1))@1485.0 +++ 3^(1,(4,1))@1473.0 +++ 1^(1,(4,1))@1471.0 +++
3^(1,(4,1))@1459.0 +++ 1^(1,(4,1))@1457.0 +++ 3^(1,(4,1))@1445.0 +++ 1^(1,(4,1))@1363.0 +++ 3^(1,(4,1))@1351.0 +++ 1^(1,(4,1))@1349.0 +++
3^(1,(4,1))@1337.0 +++ 1^(1,(4,1))@1335.0 +++ 3^(1,(4,1))@1323.0 +++ 1^(1,(4,1))@1321.0 +++ 3^(1,(4,1))@1309.0 +++ 1^(1,(4,1))@1307.0 +++
3^(1,(4,1))@1295.0 +++ 1^(1,(4,1))@1261.0 +++ 3^(1,(4,1))@1249.0 +++ 1^(1,(4,1))@1247.0 +++ 3^(1,(4,1))@1235.0 +++ 1^(1,(4,1))@1201.0 +++
3^(1,(4,1))@1189.0 +++ 1^(1,(4,1))@1187.0 +++ 3^(1,(4,1))@1175.0 +++ 1^(1,(4,1))@1157.0 +++ 3^(1,(4,1))@1145.0 +++ 1^(1,(4,1))@1095.0 +++
3^(1,(4,1))@1083.0 +++ 1^(1,(4,1))@1081.0 +++ 3^(1,(4,1))@1069.0 +++ 1^(1,(4,1))@1067.0 +++ 3^(1,(4,1))@1055.0 +++ 1^(1,(4,1))@1037.0 +++
3^(1,(4,1))@1025.0 +++ 1^(1,(4,1))@1007.0 +++ 3^(1,(4,1))@995.0 +++ 1^(1,(4,1))@945.0 +++ 3^(1,(4,1))@933.0 +++ 1^(1,(4,1))@931.0 +++
3^(1,(4,1))@919.0 +++ 1^(1,(4,1))@917.0 +++ 3^(1,(4,1))@905.0 +++ 1^(1,(4,1))@871.0 +++ 3^(1,(4,1))@859.0 +++ 1^(1,(4,1))@857.0 +++
3^(1,(4,1))@845.0 +++ 1^(1,(4,1))@795.0 +++ 3^(1,(4,1))@783.0 +++ 1^(1,(4,1))@781.0 +++ 3^(1,(4,1))@769.0 +++ 1^(1,(4,1))@767.0 +++
3^(1,(4,1))@755.0 +++ 1^(1,(4,1))@705.0 +++ 3^(1,(4,1))@693.0 +++ 1^(1,(4,1))@691.0 +++ 3^(1,(4,1))@679.0 +++ 1^(1,(4,1))@677.0 +++
3^(1,(4,1))@665.0 +++ 1^(1,(4,1))@631.0 +++ 3^(1,(4,1))@619.0 +++ 1^(1,(4,1))@617.0 +++ 3^(1,(4,1))@605.0 +++ 1^(1,(4,1))@587.0 +++
3^(1,(4,1))@575.0 +++ 1^(1,(4,1))@541.0 +++ 3^(1,(4,1))@529.0 +++ 1^(1,(4,1))@527.0 +++ 3^(1,(4,1))@515.0 +++ 1^(1,(4,1))@481.0 +++
3^(1,(4,1))@469.0 +++ 1^(1,(4,1))@467.0 +++ 3^(1,(4,1))@455.0 +++ 1^(1,(4,1))@437.0 +++ 3^(1,(4,1))@425.0 +++ 1^(1,(4,1))@343.0 +++
3^(1,(4,1))@331.0 +++ 1^(1,(4,1))@329.0 +++ 3^(1,(4,1))@317.0 +++ 1^(1,(4,1))@315.0 +++ 3^(1,(4,1))@303.0 +++ 1^(1,(4,1))@301.0 +++
3^(1,(4,1))@289.0 +++ 1^(1,(4,1))@287.0 +++ 3^(1,(4,1))@275.0 +++ 1^(1,(4,1))@209.0 +++ 3^(1,(4,1))@197.0 +++ 1^(1,(4,1))@195.0 +++
3^(1,(4,1))@183.0 +++ 1^(1,(4,1))@181.0 +++ 3^(1,(4,1))@169.0 +++ 1^(1,(4,1))@167.0 +++ 3^(1,(4,1))@155.0 +++ 1^(1,(4,1))@137.0 +++
3^(1,(4,1))@125.0 +++ 1^(1,(4,1))@91.0 +++ 3^(1,(4,1))@79.0 +++ 1^(1,(4,1))@77.0 +++ 3^(1,(4,1))@65.0 +++ 1^(1,(4,1))@31.0 +++ 3^(1,(4,1))@19.0
+++ 1^(1,(4,1))@17.0 +++ 3^(1,(4,1))@5.0
System.garage.Enabling_Control_24: 1^()
System.garage.Enabling_Control_26: 1^()
System.passengers.Enabling_Control_2: 1^()
System.passengers.counter: 1^1@0.0

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No Allowed Transtions for RQ3.1 Ride batching (Task 3) - BTLGrader

- Enabled Transitions:
System.passengers.new_passenger
- Executed Trace:
0.0 System.garage.end_service{ cid = 1 }
0.0 System.RideShare.FINISHED__SERVICE{ cid = 1 }
0.0 System.RideShare.CREATE__CARPOOL{ charge = 250, cid = 1, pid = 1, trips = 0, x1 = 1, x2 = 1, x3 = 1, y1 = 2, y2 = 3, y3 = 1 }
0.0 System.RideShare.JOIN__CARPOOL{ cPool = ((1,0,250,(1,1)),[(1,(1,2),(1,3))]), pid = 1, x1 = 1, x2 = 1, y1 = 2, y2 = 3 }
0.0 System.RideShare.JOIN__CARPOOL{ cPool = ((1,0,250,(1,1)),[(1,(1,2),(1,3)),((1,(1,2),(1,3))), pid = 1, x1 = 1, x2 = 1, y1 = 2, y2 = 3 }
0.0 System.RideShare.JOIN__CARPOOL{ cPool = ((1,0,250,(1,1)),[(1,(1,2),(1,3)),((1,(1,2),(1,3))),((1,(1,2),(1,3))), pid = 1, x1 = 1, x2 = 1, y1 = 2, y2 = 3 }
4.0 System.RideShare.START__TRIP{ cPool = ((1,0,250,(1,1)),[(1,(1,2),(1,3)),((1,(1,2),(1,3))),((1,(1,2),(1,3))),((1,(1,2),(1,3))), charge = 250, cid = 1, trips = 0, x3 = 1, y3 = 1 }
4.0 System.RideShare.DROP__OFF__PASS{ cPool = ((1,0,249,(1,2)),[(1,(1,2),(1,3)),((1,(1,2),(1,3))),((1,(1,2),(1,3))),((1,(1,2),(1,3))),((1,(1,2),(1,3)))] }
4.0 System.RideShare.DROP__OFF__PASS{ cPool = ((1,0,248,(1,3)),[(1,(1,2),(1,3)),((1,(1,2),(1,3))),((1,(1,2),(1,3)))] }
4.0 System.RideShare.DROP__OFF__PASS{ cPool = ((1,0,248,(1,3)),[(1,(1,2),(1,3)),((1,(1,2),(1,3)))] }
4.0 System.RideShare.DONE{ cPool = ((1,0,248,(1,3)),[(1,(1,2),(1,3)))] }
5.0 System.RideShare.NEED__CHARGE{ charge = 248, cid = 1, trips = 1, x3 = 1, y3 = 3 }
11.0 System.RideShare.CHARGE{ charge = 246, cid = 1, t = 1, trips = 1, x3 = 1, y3 = 1 }
13.0 System.RideShare.CHARGE{ charge = 247, cid = 1, t = 1, trips = 1, x3 = 1, y3 = 1 }
15.0 System.RideShare.CHARGE{ charge = 248, cid = 1, t = 1, trips = 1, x3 = 1, y3 = 1 }
17.0 System.RideShare.CHARGE{ charge = 249, cid = 1, t = 1, trips = 1, x3 = 1, y3 = 1 }
19.0 System.RideShare.DONE__CHARGE{ charge = 250, cid = 1, trips = 1, x3 = 1, y3 = 1 }
- Initial Formula:
(@(!System.passengers.new_passenger)) &
(System.new_call := "4^(1,(1,2),(1,3))@0.0") &
(System.garage.in_service := "1^1@0.0") &
(--> ([time = 14 && (|System.at_destination| = 4)]))
- Parsed Formula:
(((@ (!system.passengers.newpassenger))) & (System.new_call := "4^(1,(1,2),(1,3))@0.0") & (System.garage.in_service := "1^1@0.0") & (--> ([((time) = (14)) & ((|system.atdestination|) = (4))])))
- Formula at error:
(@ (!system.passengers.newpassenger))) & (--> ([((time) = (14)) & ((|system.atdestination|) = (4))]))
- Marking at error:
System.RideShare.CHARGE__LIMIT: 1^1@19.0 +++ 1^2@0.0 +++ 1^3@0.0
System.RideShare.Enabling_Control_10: 1^()
System.RideShare.Enabling_Control_12: 1^()
System.RideShare.Enabling_Control_14: 1^()
System.RideShare.Enabling_Control_16: 1^()
System.RideShare.Enabling_Control_18: 1^()
System.RideShare.Enabling_Control_20: 1^()
System.RideShare.Enabling_Control_22: 1^()
System.RideShare.Enabling_Control_4: 1^()
System.RideShare.Enabling_Control_6: 1^()
System.RideShare.Enabling_Control_8: 1^()
System.RideShare.FREE__CARS: 1^(1,1,250,(1,1))@19.0
System.at_destination: 1^(1,(1,3))@8.0 +++ 3^(1,(1,3))@5.0
System.garage.Enabling_Control_24: 1^()
System.garage.Enabling_Control_26: 1^()
System.passengers.Enabling_Control_2: 1^()
System.passengers.counter: 1^1@0.0

No Allowed Transtions for RQ3.2 Car service after 120 trips (Task 3) - BTLGrader

- [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

```

1774.0 System.RideShare.DONE{ cPool = ((1,59,245,(4,1)),[(1,(1,2),(4,1))]) }
1775.0 System.RideShare.NEED__CHARGE{ charge = 245, cid = 1, trips = 60, x3 = 4, y3 = 1 }
1784.0 System.RideShare.CHARGE{ charge = 242, cid = 1, t = 3, trips = 60, x3 = 1, y3 = 1 }
1786.0 System.RideShare.CHARGE{ charge = 243, cid = 1, t = 1, trips = 60, x3 = 1, y3 = 1 }
1788.0 System.RideShare.CHARGE{ charge = 244, cid = 1, t = 3, trips = 60, x3 = 1, y3 = 1 }
1790.0 System.RideShare.CHARGE{ charge = 245, cid = 1, t = 2, trips = 60, x3 = 1, y3 = 1 }
1792.0 System.RideShare.CHARGE{ charge = 246, cid = 1, t = 3, trips = 60, x3 = 1, y3 = 1 }
1794.0 System.RideShare.CHARGE{ charge = 247, cid = 1, t = 2, trips = 60, x3 = 1, y3 = 1 }
1796.0 System.RideShare.CHARGE{ charge = 248, cid = 1, t = 3, trips = 60, x3 = 1, y3 = 1 }
1798.0 System.RideShare.CHARGE{ charge = 249, cid = 1, t = 1, trips = 60, x3 = 1, y3 = 1 }
1800.0 System.RideShare.DONE__CHARGE{ charge = 250, cid = 1, trips = 60, x3 = 1, y3 = 1 }

```

- Initial Formula:

```

(@(!System.passengers.new_passenger)) &
(System.new_call := "239"(1,(1,2),(4,1))@0.0") &
(System.garage.in_service := "1"1@0.0") &
(1 * (--> System.garage.start_service) -> ((--> System.garage.start_service) => false))

```

- Parsed Formula:

```

(((@(!system.passengers.newpassenger))) & (System.new_call := "239"(1,(1,2),(4,1))@0.0")) & (System.garage.in_service := "1"1@0.0")) & ((1 * (-->
(system.garage.startservice))) & ((1 * (--> (system.garage.startservice))) => ((--> (system.garage.startservice)) => !(true))))

```

- Formula at error:

```

(@(!system.passengers.newpassenger))) & ((1 * (--> (system.garage.startservice))) & ((1 * (--> (system.garage.startservice))) => ((-->
(system.garage.startservice)) => !(true))))

```

- Marking at error:

```

System.RideShare.CHARGE__LIMIT: 1`1@1800.0 +++ 1`2@1796.0 +++ 1`3@1798.0
System.RideShare.Enabling_Control_10: 1`()
System.RideShare.Enabling_Control_12: 1`()
System.RideShare.Enabling_Control_14: 1`()
System.RideShare.Enabling_Control_16: 1`()
System.RideShare.Enabling_Control_18: 1`()
System.RideShare.Enabling_Control_20: 1`()
System.RideShare.Enabling_Control_22: 1`()
System.RideShare.Enabling_Control_4: 1`()
System.RideShare.Enabling_Control_6: 1`()
System.RideShare.Enabling_Control_8: 1`()
System.RideShare.FREE__CARS: 1`(1,60,250,(1,1))@1800.0
System.at_destination: 1`(1,(4,1))@1787.0 +++ 2`(1,(4,1))@1775.0 +++ 1`(1,(4,1))@1757.0 +++ 3`(1,(4,1))@1745.0 +++ 1`(1,(4,1))@1727.0 +++
3`(1,(4,1))@1715.0 +++ 1`(1,(4,1))@1697.0 +++ 3`(1,(4,1))@1685.0 +++ 1`(1,(4,1))@1667.0 +++ 3`(1,(4,1))@1655.0 +++ 1`(1,(4,1))@1637.0 +++
3`(1,(4,1))@1625.0 +++ 1`(1,(4,1))@1607.0 +++ 3`(1,(4,1))@1595.0 +++ 1`(1,(4,1))@1529.0 +++ 3`(1,(4,1))@1517.0 +++ 1`(1,(4,1))@1515.0 +++
3`(1,(4,1))@1503.0 +++ 1`(1,(4,1))@1501.0 +++ 3`(1,(4,1))@1489.0 +++ 1`(1,(4,1))@1487.0 +++ 3`(1,(4,1))@1475.0 +++ 1`(1,(4,1))@1457.0 +++
3`(1,(4,1))@1445.0 +++ 1`(1,(4,1))@1411.0 +++ 3`(1,(4,1))@1399.0 +++ 1`(1,(4,1))@1397.0 +++ 3`(1,(4,1))@1385.0 +++ 1`(1,(4,1))@1351.0 +++
3`(1,(4,1))@1339.0 +++ 1`(1,(4,1))@1337.0 +++ 3`(1,(4,1))@1325.0 +++ 1`(1,(4,1))@1307.0 +++ 3`(1,(4,1))@1295.0 +++ 1`(1,(4,1))@1245.0 +++
3`(1,(4,1))@1233.0 +++ 1`(1,(4,1))@1231.0 +++ 3`(1,(4,1))@1219.0 +++ 1`(1,(4,1))@1217.0 +++ 3`(1,(4,1))@1205.0 +++ 1`(1,(4,1))@1187.0 +++
3`(1,(4,1))@1175.0 +++ 1`(1,(4,1))@1157.0 +++ 3`(1,(4,1))@1145.0 +++ 1`(1,(4,1))@1127.0 +++ 3`(1,(4,1))@1115.0 +++ 1`(1,(4,1))@1097.0 +++
3`(1,(4,1))@1085.0 +++ 1`(1,(4,1))@1067.0 +++ 3`(1,(4,1))@1055.0 +++ 1`(1,(4,1))@989.0 +++ 3`(1,(4,1))@977.0 +++ 1`(1,(4,1))@975.0 +++
3`(1,(4,1))@963.0 +++ 1`(1,(4,1))@961.0 +++ 3`(1,(4,1))@949.0 +++ 1`(1,(4,1))@947.0 +++ 3`(1,(4,1))@935.0 +++ 1`(1,(4,1))@901.0 +++
3`(1,(4,1))@889.0 +++ 1`(1,(4,1))@887.0 +++ 3`(1,(4,1))@875.0 +++ 1`(1,(4,1))@857.0 +++ 3`(1,(4,1))@845.0 +++ 1`(1,(4,1))@747.0 +++
3`(1,(4,1))@735.0 +++ 1`(1,(4,1))@733.0 +++ 3`(1,(4,1))@721.0 +++ 1`(1,(4,1))@719.0 +++ 3`(1,(4,1))@707.0 +++ 1`(1,(4,1))@705.0 +++
3`(1,(4,1))@693.0 +++ 1`(1,(4,1))@691.0 +++ 3`(1,(4,1))@679.0 +++ 1`(1,(4,1))@677.0 +++ 3`(1,(4,1))@665.0 +++ 1`(1,(4,1))@631.0 +++
3`(1,(4,1))@619.0 +++ 1`(1,(4,1))@617.0 +++ 3`(1,(4,1))@605.0 +++ 1`(1,(4,1))@555.0 +++ 3`(1,(4,1))@543.0 +++ 1`(1,(4,1))@541.0 +++
3`(1,(4,1))@529.0 +++ 1`(1,(4,1))@527.0 +++ 3`(1,(4,1))@515.0 +++ 1`(1,(4,1))@481.0 +++ 3`(1,(4,1))@469.0 +++ 1`(1,(4,1))@467.0 +++
3`(1,(4,1))@455.0 +++ 1`(1,(4,1))@421.0 +++ 3`(1,(4,1))@409.0 +++ 1`(1,(4,1))@407.0 +++ 3`(1,(4,1))@395.0 +++ 1`(1,(4,1))@377.0 +++
3`(1,(4,1))@365.0 +++ 1`(1,(4,1))@347.0 +++ 3`(1,(4,1))@335.0 +++ 1`(1,(4,1))@301.0 +++ 3`(1,(4,1))@289.0 +++ 1`(1,(4,1))@287.0 +++
3`(1,(4,1))@275.0 +++ 1`(1,(4,1))@257.0 +++ 3`(1,(4,1))@245.0 +++ 1`(1,(4,1))@227.0 +++ 3`(1,(4,1))@215.0 +++ 1`(1,(4,1))@197.0 +++
3`(1,(4,1))@185.0 +++ 1`(1,(4,1))@167.0 +++ 3`(1,(4,1))@155.0 +++ 1`(1,(4,1))@137.0 +++ 3`(1,(4,1))@125.0 +++ 1`(1,(4,1))@59.0 +++
3`(1,(4,1))@47.0 +++ 1`(1,(4,1))@45.0 +++ 3`(1,(4,1))@33.0 +++ 1`(1,(4,1))@31.0 +++ 3`(1,(4,1))@19.0 +++ 1`(1,(4,1))@17.0 +++ 3`(1,(4,1))@5.0
System.garage.Enabling_Control_24: 1`()
System.garage.Enabling_Control_26: 1`()
System.passengers.Enabling_Control_2: 1`()
System.passengers.counter: 1`1@0.0

```