```
Train schedule is
train id is: 101
  Syracuse    Binghamton    New_York    Utica
train id is: 102
  Syracuse    Binghamton    New_York    Vermont    Utica
train id is: 103
  Syracuse    Vermont    Newark
train id is: 104
  Syracuse    Binghamton    New_York    Utica
train id is: 105
  Buffalo    Toronto    Kingston    Ontario
train id is: 106
  San_Jose    San_Mateo    Mountain_View    Palo_Alto    San_Fransisco
train id is: 107
  Mountain_View    San_Fransisco    Sacremento    Jackson    Stockon
San_Mateo    Modesto    Fresno

------------ time now is: 6.0------------
Request granted: 0
Request refused: 5

Request id: 1008 train available: 107
------------ time now is: 6.10------------
Request granted: 1
Request refused: 4


------------ time now is: 6.20------------
Request granted: 0
Request refused: 5


------------ time now is: 6.30------------
Request granted: 0
Request refused: 5


------------ time now is: 6.40------------
Request granted: 0
Request refused: 5


------------ time now is: 6.50------------
Request granted: 0
Request refused: 5


Request id: 1032 train available: 103
------------ time now is: 7.0------------
Request granted: 1
Request refused: 4


------------ time now is: 7.10------------
Request granted: 0
Request refused: 5


------------ time now is: 7.20------------
Request granted: 0
Request refused: 5


------------ time now is: 7.30------------
Request granted: 0
Request refused: 5
```

```
------------ time now is: 7.40------------
Request granted: 0
Request refused: 5

Request id: 1056 train available: 106
------------ time now is: 7.50------------
Request granted: 1
Request refused: 4

Request id: 1064 train available: 106
------------ time now is: 8.0------------
Request granted: 1
Request refused: 4


------------ time now is: 8.10------------
Request granted: 0
Request refused: 5

Request id: 1070 train available: 107
Request id: 1073 train available: 107
------------ time now is: 8.20------------
Request granted: 2
Request refused: 3


------------ time now is: 8.30------------
Request granted: 0
Request refused: 5


------------ time now is: 8.40------------
Request granted: 0
Request refused: 5

Request id: 1087 train available: 101
------------ time now is: 8.50------------
Request granted: 1
Request refused: 4

Request id: 1092 train available: 107
------------ time now is: 9.0------------
Request granted: 1
Request refused: 4


------------ time now is: 9.10------------
Request granted: 0
Request refused: 5

Request id: 1100 train available: 105
------------ time now is: 9.20------------
Request granted: 1
Request refused: 4


------------ time now is: 9.30------------
Request granted: 0
Request refused: 5


------------ time now is: 9.40------------
Request granted: 0
```

Request refused: 5

Request id: 1115 train available: 101
------------ time now is: 9.50------------
Request granted: 1
Request refused: 4

------------ time now is: 10.0------------
Request granted: 0
Request refused: 5

------------ time now is: 10.10------------
Request granted: 0
Request refused: 5

Request id: 1131 train available: 101
Request id: 1133 train available: 107
------------ time now is: 10.20------------
Request granted: 2
Request refused: 3

------------ time now is: 10.30------------
Request granted: 0
Request refused: 5

------------ time now is: 10.40------------
Request granted: 0
Request refused: 5

Request id: 1146 train available: 107
Request id: 1150 train available: 102
------------ time now is: 10.50------------
Request granted: 2
Request refused: 3

------------ time now is: 11.0------------
Request granted: 0
Request refused: 5

Request id: 1156 train available: 101
------------ time now is: 11.10------------
Request granted: 1
Request refused: 4

Request id: 1164 train available: 107
------------ time now is: 11.20------------
Request granted: 1
Request refused: 4

Request id: 1166 train available: 101
------------ time now is: 11.30------------
Request granted: 1
Request refused: 4

Request id: 1174 train available: 107
------------ time now is: 11.40------------
Request granted: 1
Request refused: 4

```
------------ time now is: 11.50------------
Request granted: 0
Request refused: 5

Request id: 1181 train available: 104
------------ time now is: 12.0------------
Request granted: 1
Request refused: 4

------------ time now is: 12.10------------
Request granted: 0
Request refused: 5

------------ time now is: 12.20------------
Request granted: 0
Request refused: 5

------------ time now is: 12.30------------
Request granted: 0
Request refused: 5

------------ time now is: 12.40------------
Request granted: 0
Request refused: 5

------------ time now is: 12.50------------
Request granted: 0
Request refused: 5

------------ time now is: 13.0------------
Request granted: 0
Request refused: 5

------------ time now is: 13.10------------
Request granted: 0
Request refused: 5

Request id: 1225 train available: 107
------------ time now is: 13.20------------
Request granted: 1
Request refused: 4

------------ time now is: 13.30------------
Request granted: 0
Request refused: 5

------------ time now is: 13.40------------
Request granted: 0
Request refused: 5

------------ time now is: 13.50------------
Request granted: 0
Request refused: 5

------------ time now is: 14.0------------
Request granted: 0
Request refused: 5
```

```
------------ time now is: 14.10------------
Request granted: 0
Request refused: 5


------------ time now is: 14.20------------
Request granted: 0
Request refused: 5


------------ time now is: 14.30------------
Request granted: 0
Request refused: 5


Request id: 1264 train available: 107
------------ time now is: 14.40------------
Request granted: 1
Request refused: 4


------------ time now is: 14.50------------
Request granted: 0
Request refused: 5


------------ time now is: 15.0------------
Request granted: 0
Request refused: 5


------------ time now is: 15.10------------
Request granted: 0
Request refused: 5


Request id: 1283 train available: 101
------------ time now is: 15.20------------
Request granted: 1
Request refused: 4


------------ time now is: 15.30------------
Request granted: 0
Request refused: 5


Request id: 1292 train available: 102
------------ time now is: 15.40------------
Request granted: 1
Request refused: 4


------------ time now is: 15.50------------
Request granted: 0
Request refused: 5


------------ time now is: 16.0------------
Request granted: 0
Request refused: 5


Request id: 1306 train available: 107
------------ time now is: 16.10------------
Request granted: 1
Request refused: 4


------------------- Departures -------------------
```

```
Passengers boarding train id: 107 at station: Mountain_View at 16.20
# of itineary: 2
# of passengers boarding: 10

------------ time now is: 16.20------------
Request granted: 0
Request refused: 5


------------ time now is: 16.30------------
Request granted: 0
Request refused: 5


------------------ Departures ------------------
Passengers boarding train id: 101 at station: Syracuse at 16.40
# of itineary: 3
# of passengers boarding: 12

------------ time now is: 16.40------------
Request granted: 0
Request refused: 5


------------------ Departures ------------------
Passengers boarding train id: 102 at station: Syracuse at 16.50
# of itineary: 1
# of passengers boarding: 5

Request id: 1328 train available: 107
------------ time now is: 16.50------------
Request granted: 1
Request refused: 4


------------ time now is: 17.0------------
Request granted: 0
Request refused: 5


------------------ Departures ------------------
Passengers boarding train id: 103 at station: Vermont at 17.10
# of itineary: 1
# of passengers boarding: 4

------------ time now is: 17.10------------
Request granted: 0
Request refused: 5


Request id: 1341 train available: 105
------------ time now is: 17.20------------
Request granted: 1
Request refused: 4


------------------ Departures ------------------
Passengers boarding train id: 107 at station: San_Fransisco at 17.30
# of itineary: 3
# of passengers boarding: 8

------------ time now is: 17.30------------
Request granted: 0
Request refused: 5
```

```
------------ time now is: 17.40------------
Request granted: 0
Request refused: 5


Request id: 1358 train available: 102
------------ time now is: 17.50------------
Request granted: 1
Request refused: 4


------------ time now is: 18.0------------
Request granted: 0
Request refused: 5


------------ time now is: 18.10------------
Request granted: 0
Request refused: 5


------------------ Departures ------------------
Passengers boarding train id: 101 at station: Binghamton at 18.20
# of itineary: 2
# of passengers boarding: 11

------------------ Arrivals ------------------
Passengers getting of train id: 103 at station: Newark at 18.20
# of itineary: 1
# of passengers getting off: 4

------------ time now is: 18.20------------
Request granted: 0
Request refused: 5


------------------ Departures ------------------
Passengers boarding train id: 104 at station: Syracuse at 18.30
# of itineary: 1
# of passengers boarding: 3

------------ time now is: 18.30------------
Request granted: 0
Request refused: 5


------------------ Arrivals ------------------
Passengers getting of train id: 106 at station: San_Mateo at 18.40
# of itineary: 1
# of passengers getting off: 3

------------ time now is: 18.40------------
Request granted: 0
Request refused: 5


Request id: 1386 train available: 107
------------ time now is: 18.50------------
Request granted: 1
Request refused: 4


------------ time now is: 19.0------------
Request granted: 0
Request refused: 5
```

```
------------------ Arrivals ------------------
Passengers getting of train id: 101 at station: Binghamton at 19.10
# of itineary: 3
# of passengers getting off: 12

------------------ Departures ------------------
Passengers boarding train id: 105 at station: Toronto at 19.10
# of itineary: 1
# of passengers boarding: 5

------------ time now is: 19.10------------
Request granted: 0
Request refused: 5

------------ time now is: 19.20------------
Request granted: 0
Request refused: 5

------------ time now is: 19.30------------
Request granted: 0
Request refused: 5

------------ time now is: 19.40------------
Request granted: 0
Request refused: 5

------------ time now is: 19.50------------
Request granted: 0
Request refused: 5

------------------ Departures ------------------
Passengers boarding train id: 101 at station: New_York at 20.0
# of itineary: 1
# of passengers boarding: 4

------------ time now is: 20.0------------
Request granted: 0
Request refused: 5

------------------ Arrivals ------------------
Passengers getting of train id: 105 at station: Kingston at 20.10
# of itineary: 1
# of passengers getting off: 5

------------ time now is: 20.10------------
Request granted: 0
Request refused: 5

------------------ Arrivals ------------------
Passengers getting of train id: 104 at station: Binghamton at 20.20
# of itineary: 1
# of passengers getting off: 3

------------ time now is: 20.20------------
Request granted: 0
Request refused: 5

------------ time now is: 20.30------------
```

```
Request granted: 0
Request refused: 5


------------ time now is: 20.40------------
Request granted: 0
Request refused: 5


------------------ Departures ------------------
Passengers boarding train id: 102 at station: New_York at 20.50
# of itineary: 2
# of passengers boarding: 2

------------ time now is: 20.50------------
Request granted: 0
Request refused: 5


------------------ Arrivals ------------------
Passengers getting of train id: 107 at station: Stockon at 21.0
# of itineary: 4
# of passengers getting off: 22

------------ time now is: 21.0------------
Request granted: 0
Request refused: 5


------------------ Departures ------------------
Passengers boarding train id: 107 at station: San_Mateo at 21.10
# of itineary: 2
# of passengers boarding: 11

------------ time now is: 21.10------------
Request granted: 0
Request refused: 5


------------------ Arrivals ------------------
Passengers getting of train id: 102 at station: Vermont at 21.20
# of itineary: 3
# of passengers getting off: 7

------------ time now is: 21.20------------
Request granted: 0
Request refused: 5


------------------ Departures ------------------
Passengers boarding train id: 107 at station: Modesto at 21.30
# of itineary: 1
# of passengers boarding: 3

------------ time now is: 21.30------------
Request granted: 0
Request refused: 5


------------------ Arrivals ------------------
Passengers getting of train id: 101 at station: Utica at 21.40
# of itineary: 3
# of passengers getting off: 15

------------ time now is: 21.40------------
```

```
Request granted: 0
Request refused: 5


------------------ Arrivals ------------------
Passengers getting of train id: 107 at station: Fresno at 21.50
# of itineary: 4
# of passengers getting off: 12


------------ time now is: 21.50------------
Request granted: 0
Request refused: 5


------------ time now is: 22.0------------
Request granted: 0
Request refused: 5


************** Entire simulation summary **************
Total # of requests: 485
Total # of granted requests: 28


 ********** Train simulation summary **********

Train id: 101
Total # of served itineary: 6
Total # of passengers: 27
Busiest section is: Syracuse to Binghamton


Train id: 102
Total # of served itineary: 3
Total # of passengers: 7
Busiest section is: New_York to Vermont


Train id: 103
Total # of served itineary: 1
Total # of passengers: 4
Busiest section is: Vermont to Newark


Train id: 104
Total # of served itineary: 1
Total # of passengers: 3
Busiest section is: Syracuse to Binghamton


Train id: 105
Total # of served itineary: 2
Total # of passengers: 13
Busiest section is: Buffalo to Ontario


Train id: 106
Total # of served itineary: 2
Total # of passengers: 9
Busiest section is: San_Jose to San_Fransisco


Train id: 107
Total # of served itineary: 13
Total # of passengers: 52
Busiest section is: Sacremento to Stockon
```