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1  input4.txt
2  =====
3  2
4  1
5  5
6  1,1,0,0
7  2,1,0,0
8
9  Output
10 =====
11 Number of Diners: 2
12 Number of Tables: 1
13 Number of Cooks: 5
14 00:00 : Cook 0 is waiting because all order queues are empty.
15 00:00 : Cook 1 is waiting because all order queues are empty.
16 00:00 : Cook 3 is waiting because all order queues are empty.
17
18 Current time is: 00:00
19
20 Restaurant 6341 will now begin accepting diners and will continue accepting diners for
  120 minutes.
21 00:00 : Cook 4 is waiting because all order queues are empty.
22 00:00 : Cook 2 is waiting because all order queues are empty.
23 00:01 : Diner 0 has entered the restaurant. Diner will wait to be seated.
24 00:01 : Diner 0 is seated at Table 0
25     Diner will place the following orders.
26     Number of Burgers: 1
27     Orders of Fries: 0
28     Orders of Coke: 0
29 00:01 : Cook 0 uses the BURGER machine for 1 number of BURGERS of Diner 1
30 00:01 : Cook 1 is waiting because all order queues are empty.
31 00:01 : Cook 3 is waiting because all order queues are empty.
32 00:01 : Cook 4 is waiting because all order queues are empty.
33 00:01 : Cook 2 is waiting because all order queues are empty.
34 00:02 : Diner 1 has entered the restaurant. Diner will wait to be seated.
35 00:05 : Cook 0 has finished preparing 1 number of Burgers of Diner 1
36 00:05 : Cook 0 is waiting because all order queues are empty.
37 00:05 : Diner 0's order is ready. Diner 0 will now begin eating.
38 00:36 : Diner Id: 0 has completed dining and is leaving the Restaurant.
39     Table number 0 is now free.
40     Number of Burgers: 1
41     Orders of Fries: 0
42     Orders of Coke: 0
43     Time Entered: 1 minute mark.
44     Time Seated: 1 minute mark.
45     Time Served: 5 minute mark.
46     Time Exited: 36 minute mark.
47 00:36 : Diner 1 is seated at Table 0
48     Diner will place the following orders.
49     Number of Burgers: 1
50     Orders of Fries: 0
51     Orders of Coke: 0
52 00:36 : Cook 1 uses the BURGER machine for 1 number of BURGERS of Diner 2
53 00:36 : Cook 3 is waiting because all order queues are empty.
54 00:36 : Cook 4 is waiting because all order queues are empty.
55 00:36 : Cook 2 is waiting because all order queues are empty.
56 00:36 : Cook 0 is waiting because all order queues are empty.
57 00:41 : Cook 1 has finished preparing 1 number of Burgers of Diner 2
58 00:41 : Cook 1 is waiting because all order queues are empty.
59 00:41 : Diner 1's order is ready. Diner 1 will now begin eating.
60 01:11 : Diner Id: 1 has completed dining and is leaving the Restaurant.
61     Table number 0 is now free.
62     Number of Burgers: 1
63     Orders of Fries: 0
64     Orders of Coke: 0
65     Time Entered: 2 minute mark.
66     Time Seated: 36 minute mark.
67     Time Served: 41 minute mark.
68     Time Exited: 71 minute mark.
```