

```

1  input.txt
2  =====
3  5
4  4
5  3
6  1221
7  2 3, 1 1
8  10 1, 4, 0
9  14 2 2 7
10 -1 2 3 1
11
12 Output
13 =====
14 Number of Diners: 5
15 Number of Tables: 4
16 Number of Cooks: 3
17 00:00 : Cook 0 is waiting because all order queues are empty.
18
19 Current time is: 00:00
20
21 Restaurant 6341 will now begin accepting diners and will continue accepting diners for
  120 minutes.
22 00:00 : Cook 1 is waiting because all order queues are empty.
23 00:00 : Cook 2 is waiting because all order queues are empty.
24 Skipping line detected in the input file with incorrect format: 1221
25 00:02 : Diner 0 has entered the restaurant. Diner will wait to be seated.
26 00:02 : Diner 0 is seated at Table 0
27     Diner will place the following orders.
28         Number of Burgers: 3
29         Orders of Fries: 1
30         Orders of Coke: 1
31 00:02 : Cook 0 uses the BURGER machine for 3 number of BURGERS of Diner 1
32 00:02 : Cook 1 uses the FRIES machine for 1 number of FRIESS of Diner 1
33 00:02 : Cook 2 uses the COKE machine for 1 number of COKEs of Diner 1
34 00:03 : Cook 2 has finished preparing 1 number of Cokes of Diner 1
35 00:03 : Cook 2 is waiting because all order queues are empty.
36 00:05 : Cook 1 has finished preparing 1 number of Friess of Diner 1
37 00:05 : Cook 1 is waiting because all order queues are empty.
38 00:10 : Diner 1 has entered the restaurant. Diner will wait to be seated.
39 00:10 : Diner 1 is seated at Table 1
40     Diner will place the following orders.
41         Number of Burgers: 1
42         Orders of Fries: 4
43         Orders of Coke: 0
44 Unable to process Diner: 14 2 2 7
45 Unable to process Diner: -1 2 3 1
46 00:10 : Cook 2 uses the FRIES machine for 4 number of FRIESS of Diner 2
47 00:17 : Cook 0 has finished preparing 3 number of Burgers of Diner 1
48 00:17 : Cook 1 uses the BURGER machine for 1 number of BURGERS of Diner 2
49 00:17 : Cook 0 is waiting because all order queues are empty.
50 00:17 : Diner 0's order is ready. Diner 0 will now begin eating.
51 00:21 : Cook 2 has finished preparing 4 number of Friess of Diner 2
52 00:21 : Cook 2 is waiting because all order queues are empty.
53 00:21 : Cook 1 has finished preparing 1 number of Burgers of Diner 2
54 00:21 : Cook 1 is waiting because all order queues are empty.
55 00:21 : Diner 1's order is ready. Diner 1 will now begin eating.
56 00:47 : Diner Id: 0 has completed dining and is leaving the Restaurant.
57     Table number 0 is now free.
58     Number of Burgers: 3
59     Orders of Fries: 1
60     Orders of Coke: 1
61     Time Entered: 2 minute mark.
62     Time Seated: 2 minute mark.
63     Time Served: 17 minute mark.
64     Time Exited: 47 minute mark.
65 00:52 : Diner Id: 1 has completed dining and is leaving the Restaurant.
66     Table number 1 is now free.
67     Number of Burgers: 1
68     Orders of Fries: 4

```

69	Orders of Coke: 0
70	Time Entered: 10 minute mark.
71	Time Seated: 10 minute mark.
72	Time Served: 21 minute mark.
73	Time Exited: 52 minute mark.