

```
1  input3.txt
2  =====
3  2
4  2
5  1
6  1,1,0,0
7  2,1,1,1
8
9  Output
10 =====
11 Number of Diners: 2
12 Number of Tables: 2
13 Number of Cooks: 1
14
15 Current time is: 00:00
16
17 Restaurant 6341 will now begin accepting diners and will continue accepting diners for
18 120 minutes.
19 00:00 : Cook 0 is waiting because all order queues are empty.
20 00:01 : Diner 0 has entered the restaurant. Diner will wait to be seated.
21 00:01 : Diner 0 is seated at Table 0
22         Diner will place the following orders.
23         Number of Burgers: 1
24         Orders of Fries: 0
25         Orders of Coke: 0
26 00:01 : Cook 0 uses the BURGER machine for 1 number of BURGERS of Diner 1
27 00:02 : Diner 1 has entered the restaurant. Diner will wait to be seated.
28 00:02 : Diner 1 is seated at Table 1
29         Diner will place the following orders.
30         Number of Burgers: 1
31         Orders of Fries: 1
32         Orders of Coke: 1
33 00:06 : Cook 0 has finished preparing 1 number of Burgers of Diner 1
34 00:06 : Cook 0 uses the BURGER machine for 1 number of BURGERS of Diner 2
35 00:06 : Diner 0's order is ready. Diner 0 will now begin eating.
36 00:11 : Cook 0 has finished preparing 1 number of Burgers of Diner 2
37 00:11 : Cook 0 uses the FRIES machine for 1 number of FRIESs of Diner 2
38 00:14 : Cook 0 has finished preparing 1 number of Friess of Diner 2
39 00:14 : Cook 0 uses the COKE machine for 1 number of COKEs of Diner 2
40 00:15 : Cook 0 has finished preparing 1 number of Cokes of Diner 2
41 00:15 : Cook 0 is waiting because all order queues are empty.
42 00:15 : Diner 1's order is ready. Diner 1 will now begin eating.
43 00:36 : Diner Id: 0 has completed dining and is leaving the Restaurant.
44         Table number 0 is now free.
45         Number of Burgers: 1
46         Orders of Fries: 0
47         Orders of Coke: 0
48         Time Entered: 1 minute mark.
49         Time Seated: 1 minute mark.
50         Time Served: 6 minute mark.
51         Time Exited: 36 minute mark.
52 00:45 : Diner Id: 1 has completed dining and is leaving the Restaurant.
53         Table number 1 is now free.
54         Number of Burgers: 1
55         Orders of Fries: 1
56         Orders of Coke: 1
57         Time Entered: 2 minute mark.
58         Time Seated: 2 minute mark.
59         Time Served: 15 minute mark.
60         Time Exited: 45 minute mark.
```