BLG 233E - Data Structures Homework3

As can be seen from the main function the program first starts by creating the necessary variables, patient_list is to read and hold the patient information, queues for the hospital in the simulation and a constant char array to hold the path to the patient list text file. After that the program reads the input from file and creates a patient array. Then the hospital algorithm runs and the given procedure in the homework is followed.

```
MacBook-Air:_Vahit_Bugra_Yesilkaynak bugrayesilkaynak$ ./a.out
1.time slice Patient1
2.time slice Patient1
3.time slice Patient1
4.time slice Patient2
5.time slice Patient2
6.time slice Patient2
7.time slice Patient3
8.time slice Patient3
9.time slice Patient3
10.time slice Patient1
11.time slice Patient1
12.time slice Patient1
13.time slice Patient3
14.time slice Patient3
15.time slice Patient3
16.time slice Patient1
```