1. Write a program to simulate a multi-level queue scheduling algorithm. All the processes in the system are divided into two Queues. The priority of Queue 1 is greater than Queue 2.
   Queue 1 uses Round Robin Algorithm (Quantum = 4)
   Queue 2 uses Round Robin Algorithm (Quantum =2)

   Queue number denotes the queue of the process

   All input values should be accepted from the user (Such as No. of Process, Queue Number, Arrival Time, Burst Time, and other values if needed). Inbuilt Values in the code should be avoided.

   Find the Waiting Time, Turn around Time for the following example considered.

Process	Queue Number	Arrival Time	Burst Time
P1	2	0	10
P2	1	3	7
P3	2	4	6
P4	1	12	5
P5	1	18	8

Hints: According to this algorithm no process in Queue 2 can run unless Queue 1 is empty. If any process in Queue 2 is running and a process enters Queue 1 then the process in Queue 2 is preempted.