

CSE 321
Lab Quiz 2
Marks: 10
Time: 1 hour 20 minutes

Given the list of processes, their CPU burst times and arrival times. Implement a scheduling algorithm LRJF (Longest Remaining Job First) based on the processes with preemption. For this task you have to trace the processes in every second. Ex: your output will be like:

0 → P1
1 → P1
2 → P2
.
.
.
.
10 → P1

Process	Burst Time	Arrival Time
P1	5	0
P2	3	0
P3	4	2
P4	8	3
P5	2	4

You have to check for processes after every 1 second and select process based on their remaining time. First, construct the grant chart for your given task and then write code to trace processes in every second according to LRJF.