

Different scheduling algorithms discussed by sir.

Some examples are:

Hello all,

There are following codes you have to do tomorrow:

1). FCFS CPU scheduling (non-preemptive):

Input: i). Number of Processes

ii). Burst time for each process

Ex: No. of processes = 4

Burst times= p1->3, p2->2, p3->5, p4->4

Output: i). A table as below (bt=Burst time, wt=waiting time, tt=turnaround time, pid= fake process ID)

ii). Average Waiting Time (avg1) and average Turnaround time (avg2)

pid	bt	wt	tt
1	3	0	3
2	2	3	5
3	5	5	10
4	4	10	14

avg1=4.5

avg2=8

2). SJF CPU scheduling (non-preemptive):

Input: i). Number of Processes

ii). Burst time for each process

Ex: No. of processes = 4

Burst times= p1->3, p2->2, p3->5, p4->4

Output: i). A table as below (bt=Burst time, wt=waiting time, tt=turnaround time, pid= fake process ID)

ii). Average Waiting Time (avg1) and average Turnaround time (avg2)

Pid	bt	wt	tt
2	2	0	2
1	3	2	5
4	4	5	9
3	5	9	14

AVG1=4.000000

AVG2=7.000000

3). SJF CPU scheduling (preemptive):

These are normal C programs and not Linux specific.