

CS 162 – Section 4

1. Scheduling techniques

Assumptions: All timeslice-based algorithms have a timeslice of one unit; The currently running thread is not in the ready queue while it is running; An arriving thread is run at the beginning of its arrival time, if the scheduling policy allows it. Turnaround time is defined as the time a process takes to complete after it arrives.

Fill in ALL blanks in EACH table – each blank has an unambiguous answer.

For the missing schedulers, the possibilities are **SRTF, RR, and Priority**.

Priority is a preemptive scheduler.

Hint: Fill in the entry time (below) for Thread C first!

Entry Times	
A	1
B	2
C	
D	8

Priorities	
A	3
B	4
C	5
D	6

↓Current Time Scheduler →	Currently Scheduled Process		
	FIFO		
1	A	A	A
2	A	A	B
3	A	A	B
4	B		
5	B		
6	B		
7	C		
8	D		
9	D		
10	D		
Avg Turnaround Time	3.5		

