Worksheet 3
CS 537, Lecture 3 Worksheet

Q1:
A FIFO scheduler receives three jobs, each with arrival time of 0s and run time of 10s.
What is the average turnaround time?
\[
\frac{10 + 20 + 30}{3} = 20
\]

Q2:
Same as Q1, except "first" job has a run time of 60s.
\[
\frac{60 + 70 + 80}{3} = 70
\]

Q3:
Same as Q2, expect with SJF (instead of FIFO).
\[
\frac{10 + 20 + 80}{3} = 36.7
\]

Q4:
A, a 60s job, arrives at time 0s.
B and C, each 10s jobs, arrive at time 10s.
For STCF, what is turnaround time?
36.7

Q5:
A, B, and C all arrive at 0s, and each has a run time of 5s.
What is the avg response time for FIFO? 5 sec
What is the avg response time for RR (1s slice)? 1 sec

Q6:
refer to slides
C

Q7:
refer to slides
E

Q8:
refer to slides
A