CS 481

Homework 4

Baker, Alex

# 6.3

## Part A

Turnaround Time (tt)

## Part B

## Part c

# 6.16

## Part A

### FCFS

20

2

3

11

15

### SJF

20

7

13

3

1

### Non Pre-Emptive Priority

20

8

13

15

19

### RR

20

15

18

17

13

11

9

2

3

5

7

## Part B

### FCFS

### SJF

### Non Pre-Emptive Priority

### RR

## Part C

### FCFS

### SJF

### Non Pre-Emptive Priority

### RR

## Part D

SJF has the shortest average wait time

# 6.19

1. No, all process will be executed in the order that they arrive
2. Yes, if there is a long process waiting, it may never execute if shorter processes keep arriving
3. No, each process will execute for at most the given quantum
4. Yes, if a low priority process is waiting, it may never execute if higher priority processes keep arriving