Adam Prieto

Professor Ranjidha Rajan

CS 3600 - Operating Systems

27 February, 2022

Homework 3

Question 1.)

- a.) Ave Tat = 12.333 time units.
- b.) Ave Tat = 12 time units.

Question 2.)

FIFO ATT = 3 Time Units

SJF ATT = 3 Time Units

SRT ATT = 2.5 Time Units.

Question 3.)

a.)
$$M=450/Q = 100 \text{ms}$$
; $M = 90 Q = 10 \text{ms}$; $M = 50 Q = 0 \text{ms}$

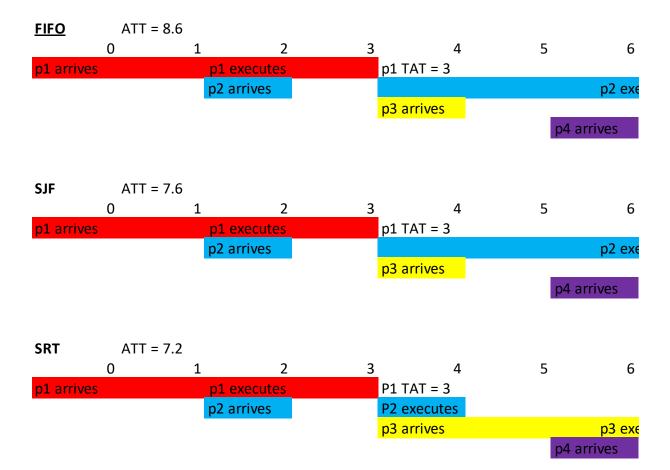
b.) % CPU wasted: 18.6%

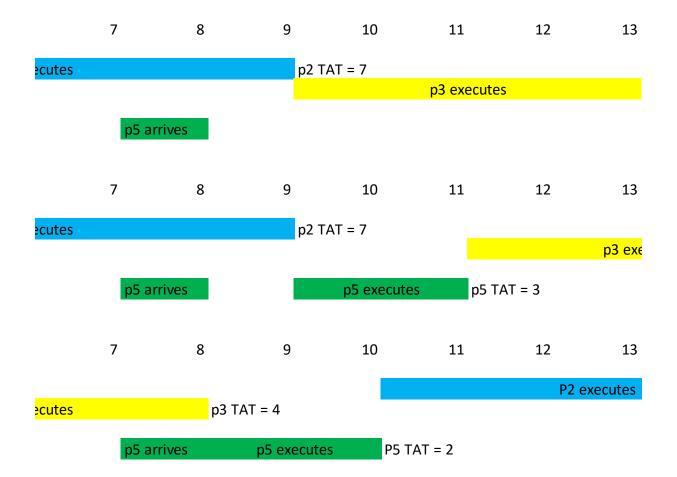
Question 4.)

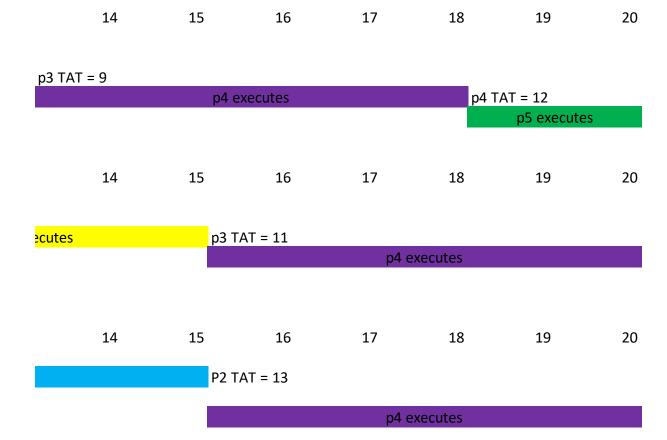
FIFO ATT = 8.6

SJF ATT = 7.6

SRT ATT = 7.2







p5 TAT = 12

p4 TAT = 14

p4 TAT = 14