ASSIGNMENT-1

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List all the Scheduling Algorithms you have learnt and classify them into preemptive and non-preemptive.

Ans: 1. First Come First serve(FCFS) - non preemptive

2. Shortest Job first (SJF) - non preemptive

3. Shortest Remaining Time First (SRTF) - preemptive

4. Priority scheduling - preemptive or non preemptive

5. Round-robin algorithm - pre-emptive

Question-1 : ans: C) FCFS: P1, P2, P3

RR2: P1, P3, P2

Question 2: ans: C) 13 units

Question 3: ans: A) First in first ou

Question 4: ans : D) I, II and III

Question 5: ans: B) 15

Question 6: ans: C) Shortest Remaining Time

Question 7: ans: B) c, d and e

Question 8: ans: A) Minimum CPU utilization

Question 9: ans: C) Processes are permanently assigned to a queue

Question 10: ans: C) Non preemptive SJF

Question 11: ans: C) and A)