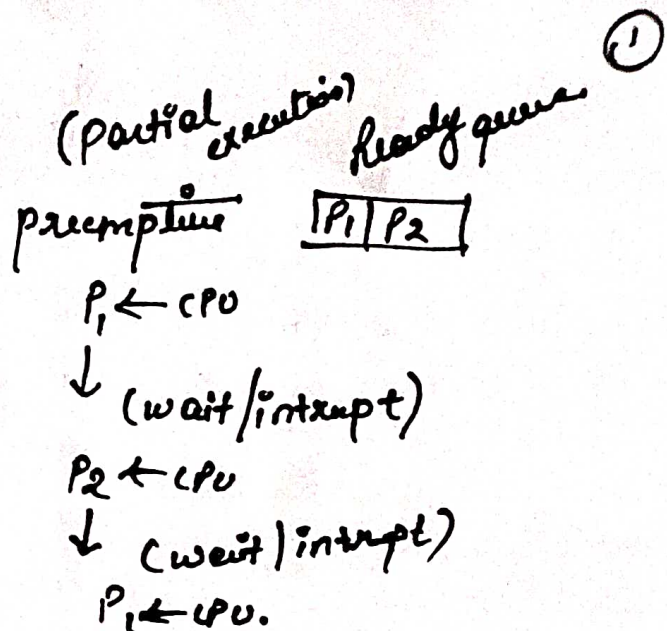
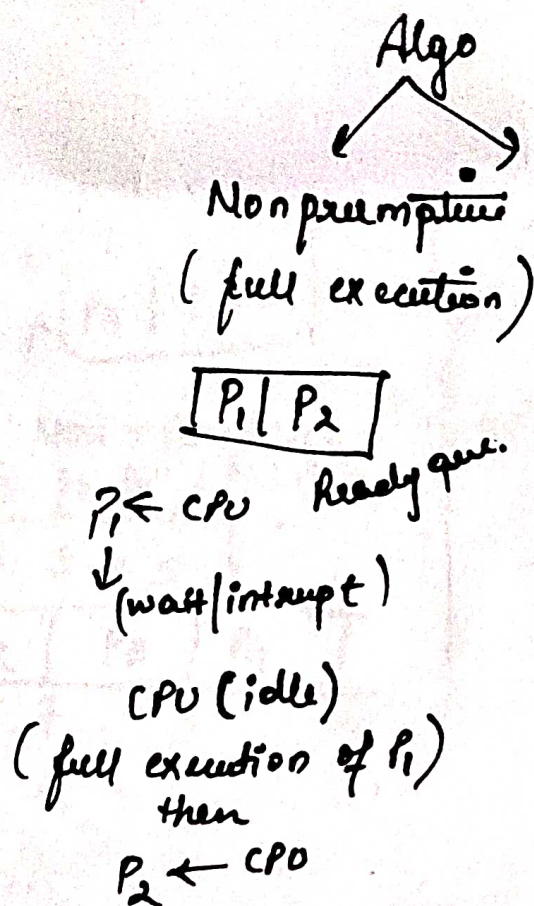


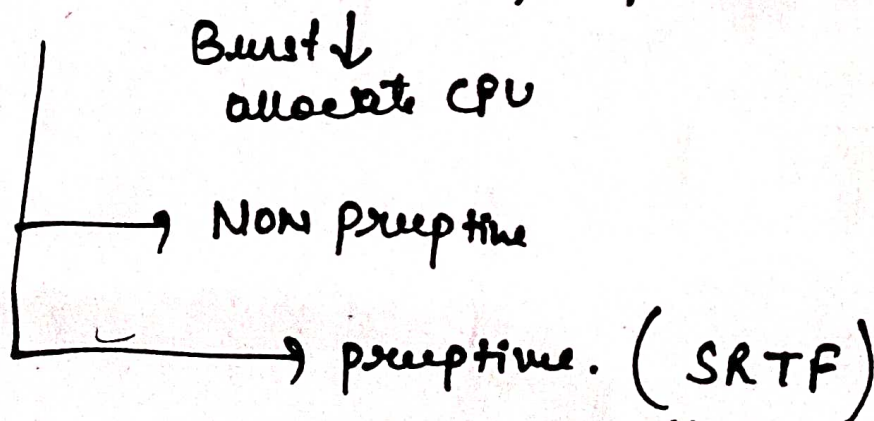
14/05/2021



Types

1) FCFS (First come first serve)
 { Non-preemptive }

2) SJF (Shortest Job first)



3) Priority
 (Preemptive / Non preemptive)

Shortest Remaining time first.

4) Round Robin (preemptive).

SRTF

Burst ↓ (allocate CPU)

quest

	P	A.T	B.T
✓	P ₁	0	5
✓	P ₂	0	4
✓	P ₃	0	3
✓	P ₄	0	1

Non Preemptive

P ₄	P ₃	P ₂	P ₁
----------------	----------------	----------------	----------------

0 1 4 8 13

Question 2.

	P	AT	BT
✓	P ₁	1	7
✓	P ₂	3	5
✓	P ₃	4	1
✓	P ₄	6	2
✓	P ₅	7	2

NON Preemptive

P ₁	P ₂	P ₃	P ₄	P ₅
----------------	----------------	----------------	----------------	----------------

0 1 2 3 4 5 6 7 8

	P ₁	P ₃	P ₄	P ₅	P ₂
--	----------------	----------------	----------------	----------------	----------------

0 1 8 9 14 15 18

AT BT

x P ₁	1	7
P ₂	3	5
x P ₃	4	1
x P ₄	6	2
P ₅	7	2

Preemptive. (SRTF)

P ₁	P ₂	P ₃	P ₄	P ₅
----------------	----------------	----------------	----------------	----------------

0 1 2 3 4 5 6 7

P ₁	P ₁	P ₁	P ₃	P ₁	P ₄	P ₄	P ₅	P ₁
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0 1 2 3 4 5 6 7 8 10 13

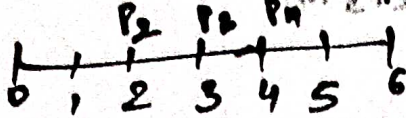
P ₂

(Prepare chart)
H/W.

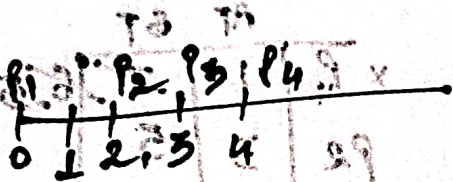
③ Question 5

x	P ₁	0	6	5
x	P ₂	2	1	
x	P ₃	3	2	1
x	P ₄	4	5	

Non-p preemptive.



P_1	P_2	P_3	P_4	
0	6	7	9	14



P_1	P_1	P_2	P_3	P_3	P_4	P_4	
0	1	2	3	4	5	9	14

	AT	BT	CT	TAT	WT	RT.
P ₁	0	6	9	9	3	0
P ₂	2	1	3	1	0	0
P ₃	3	2	5	2	0	0
P ₄	4	5	14	10	5	5.

CT-AT TAT-BT

First time.
- AT.

Question 2) STP (Respective of Most preference)

P	AT	BT
P ₁	1	7
P ₂	3	8
P ₃	4	5
P ₄	6	4
P ₅	7	3

(Respective of Most preference)
• C/H