Process	Arrival Time	CPU Burst	Priority
P	0	6	3
		3	THE SERVICE SERVICE
P <sub>2</sub>	_	6	3
P <sub>3</sub>			2
P4	8	5	
Time	Slice = 2.		
	,先進先出 :先看Avrival Fi		time-精看PID
P	P2 P3	15 70	AND AND APPROXIMATION
P		ne - Amvaltine	Turnanund time - CPU Burst
rno		of time N	aiting line
ľ	1		0 = 6-6
ţ	)2	7 = 9-2	4 = 7-3
P	3	0 = 15-5	4 = 10-6
P	4	12=20-8	7 = 12-5
4 The devil is hi	dden in details 747	传站間: (0+4	+4+7)/4=4.75*

My Question Problems & Difficulties no	eding exploration	
@ RR ( Ro	und Robin)	大更高 (Preemptive)
16X = 2	图定時間片至 图片 图片 图片 图 图 图 图 图 图 图 图 图 图 图 图 图 图	安輔流传文, Timbut 發生排入Queue尾, 若怜有新宋 phocess 先續之持 7 19 20 若 Process 末用定就结束,必须 Turnaroused Time-Upu Burst 先續下一個phocess新行
Process P	Turnaround Time	Naiting Time 直接有完整time stree
P2	5 = 7-2	5 = 11-6 2 = 5-3
P3	14=19-5	8 = 14-6
P4	12 = 20-8	7 = 12-5
	1 1000 5	平均等待時間:(5+2+8+7)/4=5.5
		st) (non-Preemptive)
化文法:	P2 P4	小至大排序、CPUBUST 同使用FCFS Time 6: CPU Bust R2 < P3
Process	finish Time - Amival Time Turnaround Time	Turnaround Time-CPU Burst Waiting Time
P	G = 6 - 0 $7 = 9 - 2$	b = 6-6 4 = 7-3
P2 P3	15=20-5	9 = 15-6 密碼 cipher key
P4	6=14-8	平均等待時間:(0+4+旬+1)/4=355%

-	M	Y L	10	Tes	5	
T	naor	tant	Con	cepts	worth	keeping

Important Concepts worth keeping	Today:
@ SJF (Shortest Job Firs	t) (Preemptive) = SRTF
· 做法:依CPU Bust 由小	到大排序 (Queue), CPU Bust相同
则使用FCFS,	可被奪取 time 2: P1 P2
PI P2   P1   P4	P3
Process Turnaround Time wait	maround Time-CPU time 5: P1 P3 Ing. Time burst  A 6
P1 9=9-0	3=9-6

3=5-2 0=3-3 time8: P1 15=20-5 9=15-6 time9: P3 P5 6=14-8 1=6-5 6 日 平均等待時間:(3+0+9+1)/4=3.25※ 13

1 HRRN (Highest Response Ratio Next) (non-Preemptive) 做法:反應時間比率「愈高」的phocess「優先」處理

1 a zt = Waiting Time + CPU Burst
CPU Burst

		+7me 6:
PI	1 P2 1 P3	$P4 \qquad P_2 = \frac{(6-2)+3}{3} = 2.3$
0	6	15 DO DON 1 1 1 1 (6-5) +6
	first-Arrival	Twharound Time-CPL Busy 13 = =================================
Process	Turnaround Time	Tumaround Time-CPL Burst P3 = (6-5) +6 = 1.1  Waiting time time 9:
PI	6 26-0	waiting time time 9: 19-5)+6 = (1.6) $V$
	7 = 9-2	$4 = 7 - 3$ $P4 = \frac{(9 - 8) + 5}{5} = 1.2$
P>		P4 = - = 1.2
Pz	10=15-5	4 = 10-6
	12=20-8	7 = 12-5
14	1-	

The meaning is not in the word

平均等待時間:(0+4+4+1)/4=3.75%

## My Questions Problems & Difficulties needing exploration

6) PPRR (Premptive Priority + RR) (Preemptive) 做法:依 Priority大到小排序若Priority相同则採用RR原则

PI P		P1 P2
Phess	finish time-Amtial time Turnaround Time-CPU times From	P1 P3
P,	15 = 15-0 9 = 15-6 town 8.	1 P1 P2 P4

Pi	15 = 15-0	9 = 156 time 8.	P1 P2 P2
Pz	3 = 5-2	0 = 3-3	3 = 3 < 2
16			

$$P_3$$
  $15 = 20-5$   $9 = 15-6$ 
 $P_4$   $5 = 13-8$   $0 = 5-5$ 

平均等待時間:(9+0+9+0)/4=4.5x

## My Opinions

Thoughts, inspirations, and suggestions

cipher key