- Assignment #02 -											
(13319/11/12/10 11 00)	the second second										
- Operating Systems -											
1 January											
1-First Come First Serve-FGFS:-											
ocess Arrival time Burst time time time time											
Pl 3ms 5ms 12ms 7ms 15ms 7ms											
P2 Oms 4ms 4ms Oms 4ms Oms											
P3 4ms 2ms 2ms 0ms 6ms 0ms											
Py 5ms 4ms 5ms 1ms 10ms 1ms											
Ganti Chart P2 P3 P4 P1 * at 15ms											
oms 4ms 6ms 10ms 15ms all processe											
time											
Average Wait time = 7+0+0+1=8 = 2ms	-										
4 4											
Average TAT = 12+4+2+5 = 23 = 5.75ms.											
4 4											
Average Response time = 7+0+0+1-8 - 2ms											
4 4											
2- Shortest Job First (SJF):-	-										
hours Arrivaltime Burst time Completiontime time time time											
PI 3ms Sms 15ms 12mg 7ms	-										
P2 Oms 4ms 4ms 0ms Oms											
P3 4ms 2ms 6ms 2m 0my 0ms	_										
P4 Sms 4ms 10ms 5ms lms lms	_										
(- H (0 - 4											
Ganth Chart											
- P2 P2 P3 P3 P4 P4 P4 P5 P5											

													•
D			D	p	P	ρ	p	p	0	0	1	7	•
12	1	2	2	'v	3	13	14	4/	14	'ነ/	15		•
0	1	2	3		1 3	6	7	8	9	10		15	1

7												
*							Two stress spaces and call congress					
Average Wait time:= 7 +0+0+1 8 2ms												
Average TAT = 19+9+2+5 = 23 = 5.75ms												
Average Responsible = 7+0+0+1 -8 -2ms.												
**	Avena	ye Resp	ons /im	e t	totot	- 8	= 2m	J.				
3					9	4						
2	3- Round Robbin - ams=Tims slice.											
3	Process Arrival Time Burst Lime time time time time the											
9	p.	3ms	Smg	0	13ms		1 ms					
9	P	Oms	4ms	6ms	4 ms	CONTRACTOR OF THE PARTY OF	Oons					
3	PS	4 mg	2 2	THE RESERVE AND PERSONS ASSESSMENT	Annual Contract of the Contrac	gms	2ms					
7	Py	Ems	4 ms	14ms	9ms .	Sms	3ms					
7	1	· F //					-					
9	Gan	th Cha	d:									
4	[B	10. 1P. 1	P2 P2 1	2 /A	1 Po / E	<i>b</i>						
9	•	2 4 6	8 10	12 1	4 16							
•	Read	y Quive:	- 18 h	2 8 8	P. P.	P.	P					
7			, (72 17	2717								
Average unit time = 8+0+2+5= 13 = 3.75mi												
4 4												
Average 747=13+4+4+9 = 30 = 75ms												
4 4												
5	Day	no Rest	onse lim	0= 1+	0+2+3	3 _	6_=1	Sm				
	TVOU	8			4		4					