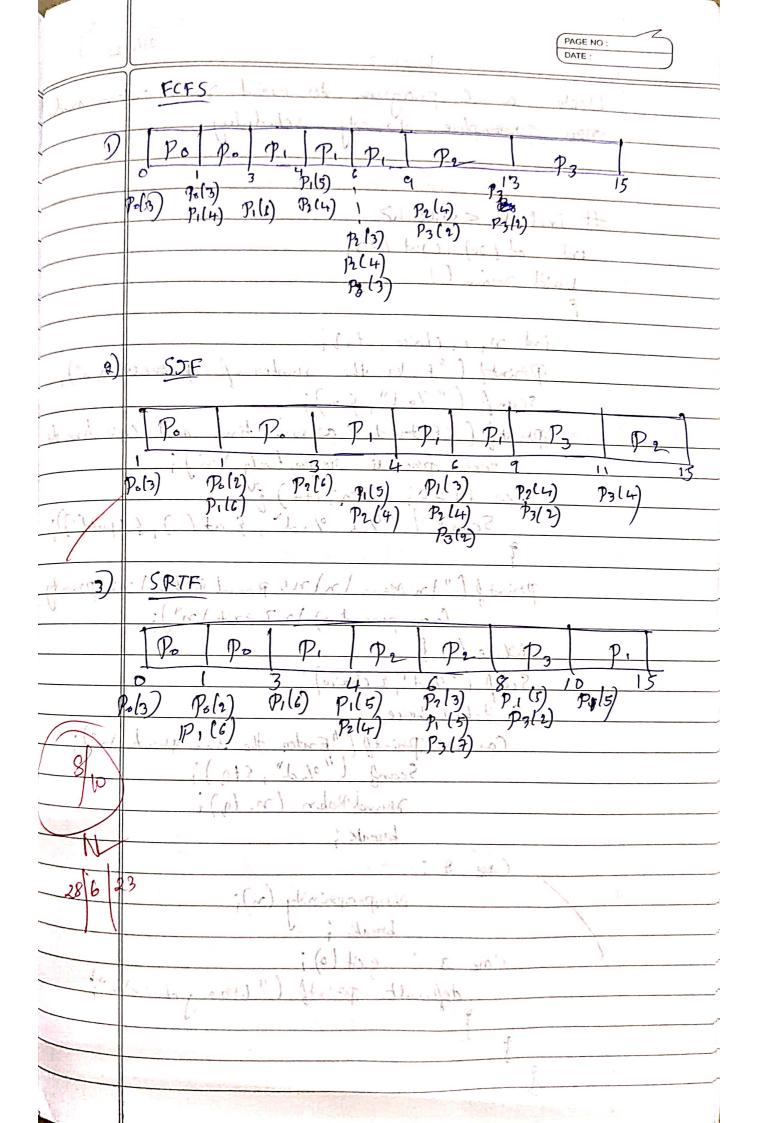


atat = atat kni Point ["In porocers | + Agricel Time to Country by Tire I Turn around Tine (n"); for (i=0; i=n; itt) & point (" % d ) f % d ) + 1 / 6 d ) + 1 / 6 d point ("In Average waiting Time. % of"
point ("In Average Turnarand Time... Void Siff (int n) { int compt [20], tat [20], wt [20], cput1 ploat aut =0 glatat =0 , Sum\_buryt\_time: int Sum=0, i, i, Smallest; Print ("1) & peroces It waifing time I of Turnova lon (100 pich; 1++) f couts [i] = cout [i]; Sum - Sweet time + - cput [i]; Cput 1.[9] = 9999; Lotile (Sum C Sum - burt - time Smallest = 9; for (izo; icn; itt)

Void Pcfs (int n) ( tat [20], wt [20], prane[20], temp; float aut to, atat =0; int Sum = 0, i; for (ilo ji en jitt) Prame [i] = inj for (i=o;i<n;i++) E temp = cput [i]; cput [i] >cput [i] >cput [ii] cout [iti]= Jamp; Jemp = grame [i]; Prane [i]: Prame [i+1]: put 1 [20] mame [i+1] = temp; for (i=0; i=n; i+t) & Sum It = cput [i]; () Compt [i] - Sum; TT 42 fat [i] = (mpt[i] = at [i]; WHEi] = fat [i] - cput[i]; aut += wt [i]; aut = aut/n; atat = atat /n; Point ("It porocess It Assival time It (putine It coaiting time It Turnshound time (n"); for (i=o ; i < n ; i++)

	1114/4/60/14/1
	P point (" \n) + p% d + + 1.d + 1.d
	of d );
	pranc [i], at [i], cout [i], wt[i], but
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	point ( 'n Ang Tuesmassend time " much
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	(+): N = 1
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	output thing - gran
	Chapter to the Chillian
	Enter the number of processes
	4 .C. 1 2 may - mass
	Enter arrival sine and apu time for each pr
	orespectively!
	0 3
	6
	4 4 (++i, N=i; 0-i) mi
	6 2. (. Thurs) + 4 mil
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	1: FCFS 19.15JF 11 3. SRTF
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	P. 1107 1 1 1 3 D
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18%	Average waiting time -: 3.50000 Average Turmanuel Line -: 7,250000
	Average Turnaemultine -: 7,250000
	(14); 4361
1	



```
PS D:\BMS study\SEM IV\OS\All codes\OS_LAB> cd 'd:\BMS study\SEM IV\OS\All codes\OS_LAB\output'
PS D:\BMS study\SEM IV\OS\All codes\OS_LAB\output> & .\'fcfs_sheduling.exe'
Enter the number of processes: 3
Enter the burst times of 3 processes: 12 5 7
The details of the processes are as below:
```

Process Burst Time Turn Around Time Waiting Time 1 12.000000 12.000000 0.000000 2 5.000000 17.000000 12.000000 3 7.000000 24.000000 17.000000

The average waiting time is: 9.666667
The average turn around time is: 17.666666

## Output:

```
Enter the number of processes: 3
Enter the burst times of 3 processes: 12 5 7
The details of the processes are as below:
Process Burst Time
                     Turn Around Time
                                                Waiting Time
       5.000000
                        5.000000
                                                0.000000
       7.000000
                        12.000000
                                                5.000000
        12.000000
                        24.000000
                                                12.000000
The average waiting time is: 5.666667
The average turn around time is: 13.666667
```

## Output:

```
Enter the number of processes: 3
 Enter the burst times and arrival times of 3 processes: 12 5
 4 0
 67
Processes
                 Burst time
                                 Waiting time
                                                 Turn around time
                 12
  1
                                 6
                                                 18
  2
                 4
                                                 4
                                 0
  3
                 6
                                                 6
                                 0
 Average waiting time = 2.000000
 Average turn around time = 9.333333
```