Ex. No.: 6a)
Date: 20 225

## FIRST COME FIRST SERVE

## Aim:

To implement First-come First- serve (FCFS) scheduling technique

## Algorithm:

- 1. Get the number of processes from the user.
- 2. Read the process name and burst time.
- 3. Calculate the total process time.
- 4. Calculate the total waiting time and total turnaround time for each process 5. Display the process name & burst time for each process. 6. Display the total waiting time, average waiting time, turnaround time

## Program Code:

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for (int 1=0; PCn; 1++){ tat [1]: c+[1]-at; jor (int l=0; len; l++){ Wt [i] = tat [i] - bt [i]; int avg-tat=0, avg-wt=0; for (int P=0; i < n; i++){ avg-tat = avg-tat + tat ["]; avg - Wt = avg - Nt + Wt[i]; y avg-tat = avg-tat/n; avg - Wt = avg - Wt In; Runtt (" n Avouss lt Bevest time It waiting time (+ tatti) for (int 1=0; 1<n; 1++){ Runtf ("xd 1+ "xd 1+ xd 1+ xd 1h, i, bt [i], Wt [i], tat[i]); Pount f (" Avg tat time: Y.d In", avg-tat); Print f (" Avg wit time: " /d In", avg - wt);

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Sample Output:

Enter the number of process:

Enter the burst time of the processes:

Process	Burst Time	Waiting Time	Turn Around Time
0	24	0	24
1	3	24	27
2	3	27	30

Average waiting time is: 17.0 Average Turn around Time is: 19.0

OUTPUT:

enter the no. of Priocess: 3
enter the lewist time for each pricess
6

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Process	Burstime	Waiting time	Tat
0	6	0	6
1	2	6	8
2	8	8	16

Avg but time: 10

Result:

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Hence the above code executed

Successfully

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