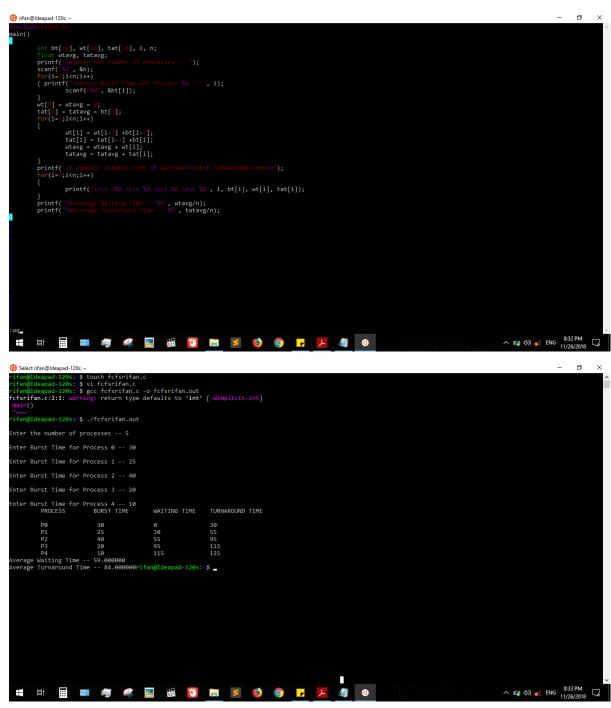
NAMA: MUCHAMAD RIF'AN

NIM: 17.01.53.2021

## FIRST COME FIRST SERVE (FCFS)



## SORT JOB FIRST (SJF)

```
ð
                                   int p[20], bt[20], wt[20], tat[20], i, k, n, temp;
float wtayg, tatayg;
printf('Ninter the number of processes -- ");
scanf('M', 'An);
for(i=0;i<n;i++)</pre>
                                                                     p[i]=i;
printf("Enter Burst Time for Process %d -- ", i);
scanf( %d", &bt[i]);
                                                            p[k]=temp;
}
wt[0] = wtavg = 0;
tat[0] = tatavg = bt[0];
}
                                                                                                                                              wt[i] = wt[i-1] +bt[i-1];
tat[i] = tat[i-1] +bt[i];
wtavg = wtavg + wt[i];
tatavg = tatavg + tat[i];
                                tatavg = tatavg + tat[i];

printf("\n\t PROCESS \tBURST TIME \t MAITING TIME\t TURNAROUND TIME\n");

for(l=";!kn;!++)
{
    printf("\n\t P%d \t\t %d \t\t %d \t\t %d", p[i], bt[i], wt[i], tat[i]);
}
                                ^ 🖙 (୬)) 💉 ENG 9:03 PM 11/26/2018 🗔
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ð
     | Interpresent to the control of the
へ 🖙 (小) 🏑 ENG 9:04 PM 11/26/2018
```

## **ROUND ROBIN**

```
@ rifan@Ideapad-120s: ~
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         a
                                                         nt i,j,n,bu[10],wa[10],tat[10],t,ct[10],max;
loat awt=0,att=1,temp=1;
rintf('Enter the no of processes -- ');
canf('Xd',&n);
cof[=0:10:1++)
                                                  printf("Enter the
scanf("%d",&n);
for(i=0;i<n;i++)</pre>
                                                                                            printf("\nEnter Burst Time for process %d -- ", i+1);
scanf( %d",&bu[i]);
ct[i]=bu[i];
("\nEnter the size of time slice -- ");
                                           {
    tat[i]=temp+bu[i];
    temp=temp+bu[i];
    bu[i]=0; }
else { bu[i]=bu[i]-t;
    temp=temp+t;
                                                                                               wa[i]=tat[i]-ct[i];
att+=tat[i];
awt+=wa[i];
                                                aut+=mq[-1],
printf("\nThe Average Turnaround time is -- %f",att/n);
printf("\nThe Average Waiting time is -- %f",aut/n);
printf("\nThe Average Turnaround time is -- %f",aut/n);
printf("\nThe Average Turnaround time is -- %f",aut/n);
printf("\nThe Average Waiting time is -- %f",aut/n);
print
                                    へ 知 (4)) 💉 ENG 9:26 PM 11/26/2018
① rifan@ldeapad-120s: ~
Enter Burst Time for Process 5 -- 10
Enter Burst Time for Process 6 -- 90
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ð
                                                                                                                                                BURST TIME
          PROCESS BURST TIME

P5 10 0 10

P2 25 10 35

P1 50 35 85

P3 75 85 160

P4 89 160 240

P5 90 240 330

P6 90 240 330

P7 90 240 330

P8 90 240
                                                      PROCESS
                                                                                                                                                                                                                                                         WAITING TIME
                                                                                                                                                                                                                                                                                                                                                         TURNAROUND TIME
                                  @Ideapad-120s:~$ ./rrrifan.out
the no of processes -- 5
                                 verage Turnaround time is - 224.000000
verage Waiting time is - 162.000000
PROCESS BURST TIME WAITING TIME TURNAROUND TIME
1 100 210 310
2 50 150 200
3 20 60 80
4 60 180 240
5 80 210 290
@Ideapad-120s:~$
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      へ 知 (4)) 🌠 ENG 9:25 PM 👼
```