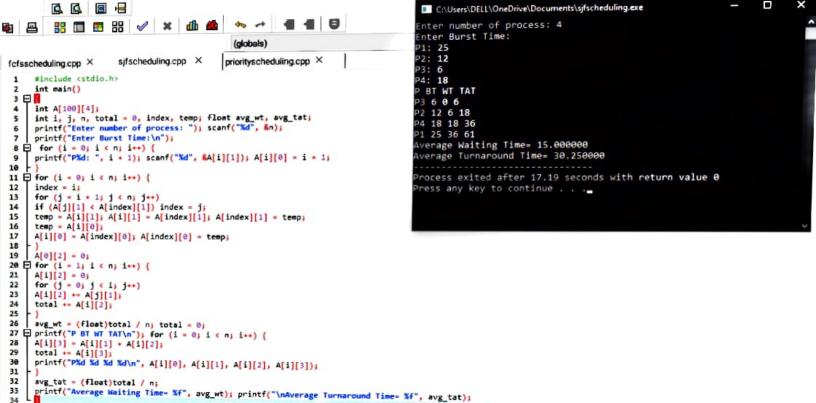
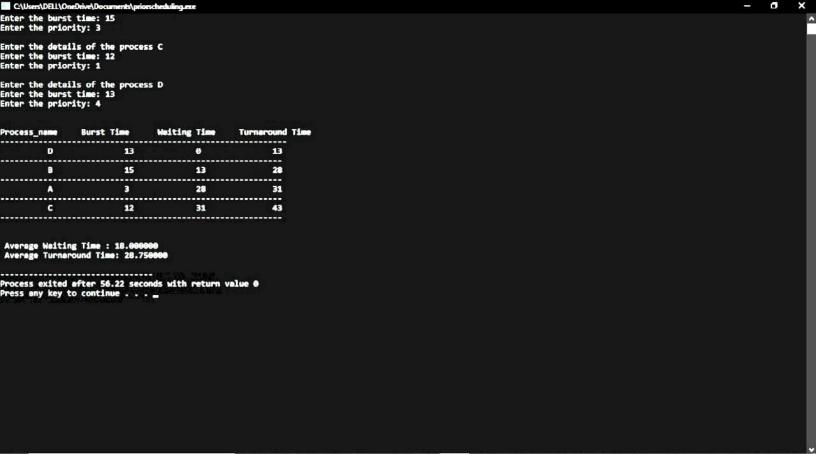
```
int bt[20],p[20],wt[20],tat[20],1,j,n,total=0,pos,temp;
                                                                     Enter number of process:4
         float avg at avg tat;
         printf("Enter number of process;");
         scanf("Md".Anh:
         printf("\minter Burst Time:\n"):
                                                                      inter Burst Time:
         for(led;len;les)
                                                                      01:25
   阜
10
11
             printf("pld:".leib:
                                                                     p2:12
12
            scanf("34", $61[1]);
13
                                                                     D3:6
             pf 13=1+1:
14
                                                                     p4:18
15
         for(is@;ien;ies)
   ₽
16
17
             pose11
18
                                                                      Process
             for( 1=1+1; 1cm; 1++)
                                                                                      Burst Time
                                                                                                                  Waiting Time
                                                                                                                                          Turnaround Time
  Ė
19
20
                if(bt[]]cbt[pos1)
21
                   pos=1:
22
                                                                                                                                                      18
23
             tempebt[1]:
                                                                                                                         18
24
             bt[i]=bt[pos]:
25
                                                                                                                         36
             bt[pos]=temp;
26
             tempop[1];
27
             p[1]=p(pos];
                                                                     Average Waiting Time=15.000000
28
             p[pos]=temp:
29
                                                                     Average Turnaround Time=30.250000
30
         wt[@]ue:
31
         for(is1;1cn;1++)
32
   33
             wt[1]=0;
                                                                      Process exited after 45.25 seconds with return value 0
34
             for( ]=0; jel; je+)
35
            wt[1]+=bt[1]:
16
37
            total+owt[1]:
38
39
         avg_wt=(float)total/n;
40
          total=0:
41
         printf("\nProcess\t Burst Time
                                          \tWaiting Time\tTurnaround Time"):
42
         for(lod;len;les)
42
   ₽
44
             tat[1]=bt[1]+wt[1];
45
             total == tat(1);
45
            print+("\np%d\t\t %d\t\t %d\t\t\t%d",p[i],bt[i],wt[i],tat[i]);
42
48
         avg_tat=(float)total/ni
49
         print+("\n\nAverage Waiting Time=%f", avg wt);
         printf("\naverage Turnaround Time=%f\n", avg_tat);
```

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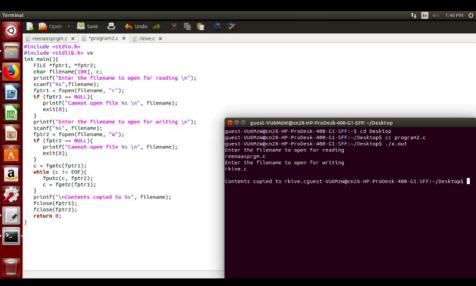


```
#Include<std10.n>
                                                                          C:\Users\DELL\OneDrive\Documents\fcfs scheduling.exe
                                                                                                                                                                      int main()
 3 🗖 🛙
                                                                          Enter number of processes
         int bt[10]=(0),at[10]=(0),tat[10]=(0),wt[10]=(0),ct[10]=(0);
                                                                          Enter arrival time and burst time for each process
         int n.sum-e:
         float totalTAT=0, totalwT=0;
         printf("Enter number of processes ");
                                                                          Arrival time of process[1]
         scanf("%d",&n):
                                                                          Burst time of process[1]
         printf("Enter arrival time and burst time for each process\n\n"):
         for(int i=0;i<n;i++)
  Ė
                                                                         Arrival time of process[2]
12
            printf("arrival time of process[%d] ".i+1):
                                                                          Burst time of process[2]
13
             scanf("Xd", &at[i]);
            printf("Burst time of process[%d] ",i+1);
                                                                         Arrival time of process[3]
15
            scanf("%d",&bt[i]);
                                                                          Burst time of process[3]
            printf("\n"):
17
18
         for(int jee;jen;jee)
                                                                          Arrival time of process[4]
19
                                                                          Burst time of process[4]
20
            sum+abt[i]:
21
            ct[i]+=sum:
22
                                                                         Solution:
23
         for(int k=0:k<n:k++)
24 🖨
25
            tat[k]=ct[k]-at[k];
                                                                                                                            WT
26
            totalTAT+=tat[k]:
27
                                                                                                        34
28
         for(int k=0:k<n:k++)
                                                                                                        98
                                                                                                                  86
                                                                                                                             30
29 🖹
30
            wt[k]=tat[k]-bt[k]:
                                                                                                                   150
31
            totalwT++wt[k]:
                                                                                                                             139
32
33
         printf("Solution: \n\n");
34
         printf("P#\t AT\t BT\t CT\t TAT\t WT\t\n\n");
35
                                                                         Average Turnaround Time = 116.250000
         for(int i=0;i<n;i++)
36 🖹
                                                                         Average WT = 63.000000
37
            printf("P%d\t %d\t %d\t %d\t %d\t %d\n",i+1,at[i],bt[i],ct[i],tat[
38
39
         printf("\n\nAverage Turnaround Time = %f\n",totalTAT/n);
         printf("Average WT = %f\n\n",totalWT/n);
         return 8:
```

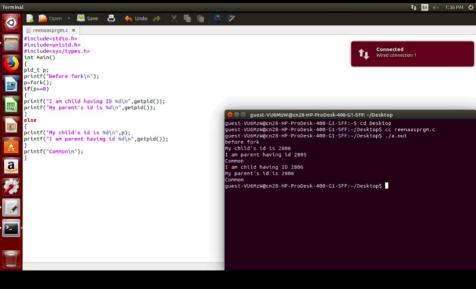




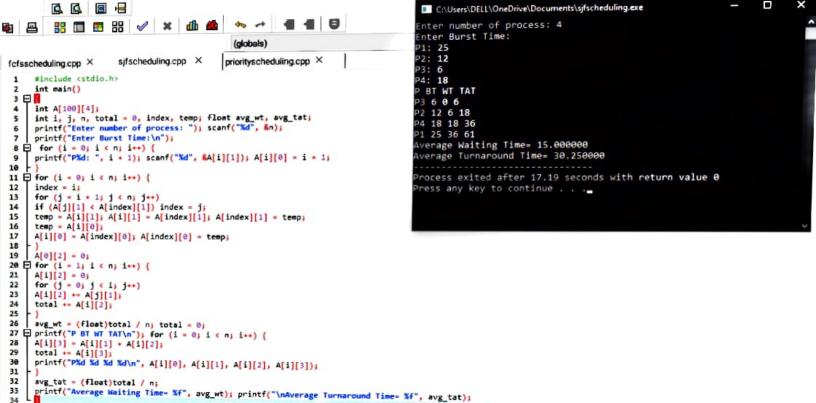




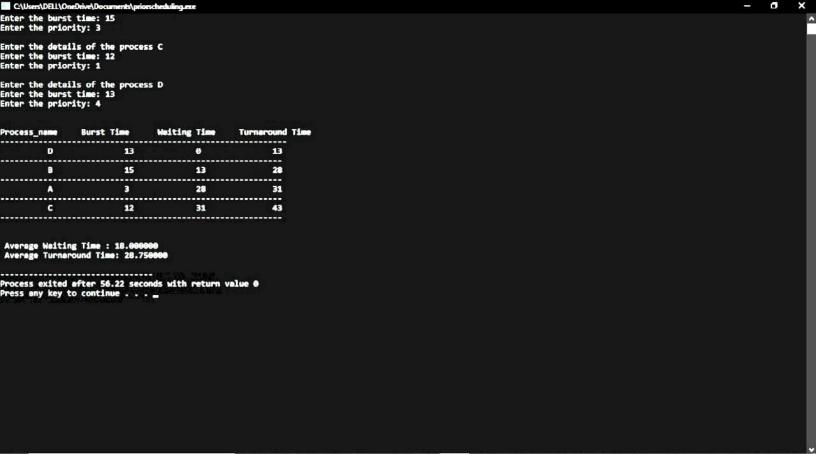




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                                                                          C:\Users\DELL\OneDrive\Documents\fcfs scheduling.exe
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                                                                          Enter number of processes
         int bt[10]=(0),at[10]=(0),tat[10]=(0),wt[10]=(0),ct[10]=(0);
                                                                          Enter arrival time and burst time for each process
         int n.sum-e:
         float totalTAT=0, totalwT=0;
         printf("Enter number of processes ");
                                                                          Arrival time of process[1]
         scanf("%d",&n):
                                                                          Burst time of process[1]
         printf("Enter arrival time and burst time for each process\n\n"):
         for(int i=0;i<n;i++)
  Ė
                                                                         Arrival time of process[2]
12
            printf("arrival time of process[%d] ".i+1):
                                                                          Burst time of process[2]
13
             scanf("Xd", &at[i]);
            printf("Burst time of process[%d] ",i+1);
                                                                         Arrival time of process[3]
15
            scanf("%d",&bt[i]);
                                                                          Burst time of process[3]
            printf("\n"):
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         for(int jee;jen;jee)
                                                                          Arrival time of process[4]
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                                                                          Burst time of process[4]
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            sum+abt[i]:
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            ct[i]+=sum:
22
                                                                         Solution:
23
         for(int k=0:k<n:k++)
24 🖨
25
            tat[k]=ct[k]-at[k];
                                                                                                                            WT
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            totalTAT+=tat[k]:
27
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                                                                                                                  86
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            wt[k]=tat[k]-bt[k]:
                                                                                                                   150
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            totalwT++wt[k]:
                                                                                                                             139
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         printf("Solution: \n\n");
34
         printf("P#\t AT\t BT\t CT\t TAT\t WT\t\n\n");
35
                                                                         Average Turnaround Time = 116.250000
         for(int i=0;i<n;i++)
36 🖹
                                                                         Average WT = 63.000000
37
            printf("P%d\t %d\t %d\t %d\t %d\t %d\n",i+1,at[i],bt[i],ct[i],tat[
38
39
         printf("\n\nAverage Turnaround Time = %f\n",totalTAT/n);
         printf("Average WT = %f\n\n",totalWT/n);
         return 8:
```







```
int bt[20],p[20],wt[20],tat[20],1,j,n,total=0,pos,temp;
                                                                     Enter number of process:4
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         for(led;len;les)
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                                                                     D3:6
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                                                                                      Burst Time
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                                                                                                                                                      18
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             tempebt[1]:
                                                                                                                         18
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             bt[i]=bt[pos]:
25
                                                                                                                         36
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         avg_tat=(float)total/ni
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```

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