

```

1  #include<stdio.h>
2  int main()
3  {
4      int bt[20],p[20],wt[20],tat[20],i,j,n,total=0,pos,temp;
5      float avg_wt,avg_tat;
6      printf("Enter number of process:");
7      scanf("%d",&n);
8      printf("nEnter Burst Time:n");
9      for(i=0;i<n;i++)
10     {
11         printf("p%d:",i+1);
12         scanf("%d",&bt[i]);
13         p[i]=i+1;
14     }
15     for(i=0;i<n;i++)
16     {
17         pos=i;
18         for(j=i+1;j<n;j++)
19         {
20             if(bt[j]<bt[pos])
21                 pos=j;
22         }
23         temp=bt[i];
24         bt[i]=bt[pos];
25         bt[pos]=temp;
26     }
27     return 0;

```

Compiler Resources Compile Log Debug Find Results Close

Compilation results...

- Errors: 0

- Warnings: 0

- Output Filename: C:\Users\ELLAYYA\OneDrive\Desktop\scheduling program with smallest execution.exe

- Output Size: 129.1455078125 KiB

- Compilation Time: 0.44s

C:\Users\ELLAYYA\OneDrive\Desktop\scheduling program with smallest execution.exe

Enter number of process:4

nEnter Burst Time:n1:12

p2:24

p3:06

p4:11

nProcesst	Burst Time	tWaiting Time	Turnaround Time	npen3tt	6tt	0ttt6np1tt	12tt	6ttt18np4tt	13tt
2tt	24tt	31ttt55nn	Average Waiting Time=13.750000n	Average Turnaround Time=27.500000n					

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Process exited after 14.35 seconds with return value 35

Press any key to continue . . .