

C:\Users\Deekshitha Reddy\OneDrive\Documents\OS4.cpp - [Executing] - Dev-C++ 5.11

File Edit Search View Project Execute Tools AStyle Window Help

TDM-GCC 4.9.2 64-bit Release

(globals)

Project Classes Debug OS4.cpp

```
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");for(i=0;i<n;i++)
9     {
10        printf("p%d:",i+1);
11
12        scanf("%d",&bt[i]);
13        p[i]=i+1;
14    }
15    for(i=0;i<n;i++){
16        pos=i;
17        for(j=i+1;j<n;j++)
18        {
19            if(bt[j]<bt[pos])
20                pos=j;
21        }
22        temp=bt[i];
23        bt[i]=bt[pos];
24        bt[pos]=temp;
25
26        temp=p[i];
27        p[i]=p[pos];
28        p[pos]=temp;
29    }
30    wt[0]=0;
31    for(i=1;i<n;i++)
```

Enter number of process:3
nEnter Burst Time:
p1:24
p2:3
p3:3
nProcesst Burst Time tWaiting TimeTurnaround Time
np2tt 3tt 0ttt3np3tt 3tt 3ttt6np1tt 24tt 6ttt30nnAverage Waiting Time=3.000

Process exited after 4.766 seconds with return value 0
Press any key to continue . . . |

Compiler Resources Compile Log Debug Find Results Close

Abort Compilation

Output Filename: C:\Users\Deekshitha Reddy\OneDrive\Documents\OS4.exe
Output Size: 129.7705078125 KiB
Compilation Time: 0.81s

Shorten compiler paths

Line: 1 Col: 1 Sel: 0 Lines: 52 Length: 881 Insert

14:46 27-09-2025