

C:\Users\Deekshitha Reddy\OneDrive\Documents\OS3.cpp - [Executing] - Dev-C++ 5.11

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TDM-GCC 4.9.2 64-bit Release

(globals)

Project Classes Debug OS3.cpp

```
1 #include <stdio.h>
2 int main()
3 {
4     int A[100][4];
5     int i, j, n, total = 0, index, temp;
6     float avg_wt, avg_tat;
7     printf("Enter number of process: ");
8     scanf("%d", &n);
9     printf("Enter Burst Time:\n");
10    for (i = 0; i < n; i++) {
11        printf("P%d: ", i + 1);
12        scanf("%d", &A[i][1]);
13        A[i][0] = i + 1;
14    }
15    for (i = 0; i < n; i++) {
16        index = i;
17        for (j = i + 1; j < n; j++)
18            if (A[j][1] < A[index][1])
19                index = j;
20        temp = A[i][1];
21        A[i][1] = A[index][1];
22        A[index][1] = temp;
23        temp = A[i][0];
24        A[i][0] = A[index][0];
25        A[index][0] = temp;
26    }
27    A[0][2] = 0;
28    for (i = 1; i < n; i++) {
29        A[i][2] = 0;
30    }
```

Compiler Resources Compile Log Debug Find Results Close

Abort Compilation

Shorten compiler paths

Line: 1 Col: 1 Sel: 0 Lines: 48 Length: 995 Insert

C:\Users\Deekshitha Reddy\O x + v

Enter number of process: 3
Enter Burst Time:
P1: 24
P2: 3
P3: 3
P BT WT TAT
P2 3 0 3
P3 3 3 6
P1 24 6 30
Average Waiting Time= 3.000000
Average Turnaround Time= 13.000000

Process exited after 5.221 seconds with return value 0
Press any key to continue . . . |