

C:\Users\mudir\OneDrive\Documents\OS5.cpp - [Executing] - Embarcadero Dev-C++ 6.3

File Edit Search View Project Execute Tools AStyle Window Help

TDM-GCC 9.2.0 64-bit Release

(globals)

Project Class OS1.cpp OS2.cpp OS3.cpp OS4.cpp OS5.cpp

```
1 #include <stdio.h>
2
3 int main() {
4     int n = 4;
5
6     int bt[] = {10, 5, 8, 6};
7     int pr[] = {2, 1, 4, 3};
8     int p[] = {1, 2, 3, 4};
9
10    int wt[10], tat[10];
11    float avg_wt = 0, avg_tat = 0;
12
13    for (int i = 0; i < n - 1; i++) {
14        for (int j = i + 1; j < n; j++) {
15            if (pr[i] > pr[j]) {
16                int temp;
17
18                temp = pr[i]; pr[i] = pr[j]; pr[j] = temp;
19                temp = bt[i]; bt[i] = bt[j]; bt[j] = temp;
20                temp = p[i]; p[i] = p[j]; p[j] = temp;
21            }
22        }
23    }
24
25    wt[0] = 0;
26
27    for (int i = 1; i < n; i++) {
28        wt[i] = 0;
29        for (int j = 0; j < i; j++)
```

Compiler Resources Compile Log Debug Find Results Console Close

Abort Compilation

Errors: 0
Warnings: 0
Output Filename: C:\Users\mudir\OneDrive\Documents\OS5.exe
Output Size: 323.783203125 Kib
Compilation Time: 0.19s

Shorten compiler pat

Line: 5 Col: 5 Sel: 0 Lines: 48 Length: 1204 Insert Done parsing in 0 seconds

34°C Mostly cloudy

Search

ENG IN

14:13 26-09-2025

C:\Users\mudir\OneDrive\Doi

Process	Burst Time	Priority	Waiting Time	Turnaround Time
P2	5	1	0	5
P1	10	2	5	15
P4	6	3	15	21
P3	8	4	21	29

Average Waiting Time: 10.25
Average Turnaround Time: 17.50

Process exited after 0.1011 seconds with return value 0
Press any key to continue . . . |