

CAUsers\mudir\OneDrive\Documents\OS22.cpp - [Executing] - Embarcadero Dev-C++ 6.3

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TDM-GCC 9.2.0 64-bit Release

(globals)

Project Class

OS21.cpp OS22.cpp

```
1 #include <stdio.h>
2
3 int main() {
4     int blockSize[20], processSize[20];
5     int blockNo, processNo;
6     int allocation[20];
7
8     printf("Enter the number of memory blocks: ");
9     scanf("%d", &blockNo);
10
11     printf("Enter the size of each block:\n");
12     for(int i = 0; i < blockNo; i++) {
13         printf("Block %d: ", i + 1);
14         scanf("%d", &blockSize[i]);
15     }
16
17     printf("\nEnter the number of processes: ");
18     scanf("%d", &processNo);
19
20     printf("Enter the size of each process:\n");
21     for(int i = 0; i < processNo; i++) {
22         printf("Process %d: ", i + 1);
23         scanf("%d", &processSize[i]);
24         allocation[i] = -1;
25     }
26
27
28     for(int i = 0; i < processNo; i++) {
29         int bestIdx = -1;
```

Enter the number of memory blocks: 2
Enter the size of each block:
Block 1: 100
Block 2: 200

Enter the number of processes: 2
Enter the size of each process:
Process 1: 256
Process 2: 99

Process No.	Process Size	Block No.
1	256	Not Allocated
2	99	1

Process exited after 14.76 seconds with return value 0
Press any key to continue . . .

Compiler Resources Compile Log Debug Find Results Console Close

Abort Compilation

Shorten compiler pat

Errors: 0
Warnings: 0
Output Filename: C:\Users\mudir\OneDrive\Documents\OS22.exe
Output Size: 323.453125 KiB
Compilation Time: 0.19s

Line: 27 Col: 3 Sel: 0 Lines: 55 Length: 1472 Insert Done parsing in 0.016 seconds

14:24 06-10-2025