

OS21.cpp - [Executing] - Embarcadero Dev-C++ 6.3

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TDM-GCC 9.2.0 64-bit Release

(globals)

Project Class OS21.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     for(int i = 0; i < processNo; i++) {
28         int worstIdx = -1;
29         for(int j = 0; j < blockNo; j++) {
```

Compiler Resources Compile Log Debug Find Results Console Close

Abort Compilation

Errors: 0  
Warnings: 0  
Output Filename: C:\Users\mudir\OneDrive\Documents\OS21.exe  
Output Size: 323.453125 KiB  
Compilation Time: 0.42s

Shorten compiler path

Line: 26 Col: 5 Sel: 0 Lines: 54 Length: 1479 Insert Done parsing in 0.141 seconds

Hot days ahead 34°C

Search

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Enter the number of memory blocks: 5  
Enter the size of each block:  
Block 1: 100  
Block 2: 200  
Block 3: 300  
Block 4: 400  
Block 5: 500  
  
Enter the number of processes: 4  
Enter the size of each process:  
Process 1: 130  
Process 2: 230  
Process 3: 360  
Process 4: 580  
  
Process No.      Process Size      Block No.  
1                  130                  5  
2                  230                  4  
3                  360                  5  
4                  580                  Not Allocated  
  
-----  
Process exited after 52.74 seconds with return value 0  
Press any key to continue . . .