

CA\Users\mudir\OneDrive\Documents\OS29.cpp - 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 OS21.cpp OS22.cpp OS23.cpp OS24.cpp OS25.cpp OS26.cpp OS27.cpp OS28.cpp OS29.cpp OS30.cpp

```
1 #include <stdio.h>
2 #include <windows.h>
3
4
5 DWORD WINAPI MyThreadFunction(LPVOID lpParam) {
6     int value = *(int*)lpParam;
7     printf("Thread ID: %lu, received value: %d\n", GetCurrentThreadId(), value);
8
9     ExitThread(value * 2);
10 }
11
12
13 int main() {
14     HANDLE hThread1, hThread2;
15     DWORD threadId1, threadId2;
16     int arg1 = 5, arg2 = 10;
17     DWORD exitCode1, exitCode2;
18
19
20     hThread1 = CreateThread(NULL, 0, MyThreadFunction, &arg1, 0, &threadId1);
21     hThread2 = CreateThread(NULL, 0, MyThreadFunction, &arg2, 0, &threadId2);
22
23     if (hThread1 == NULL || hThread2 == NULL) {
24         printf("Thread creation failed.\n");
25         return 1;
26     }
27
28     printf("Threads created: ID1=%lu, ID2=%lu\n", threadId1, threadId2);
29 }
```

Compiler Resources Compile Log Debug Find Results Console Close

Abort Compilation

Errors: 0
Warnings: 0
Output Filename: C:\Users\mudir\OneDrive\Documents\OS30.exe
Output Size: 324.677734375 Kib
Compilation Time: 0.20s

Shorten compiler pat

Line: 19 Col: 1 Sel: 0 Lines: 54 Length: 1398 Insert Done parsing in 0 seconds

Threads created: ID1=14416, ID2=4336
Threads are NOT equal.
Thread ID: 14416, received value: 5
Thread ID: 4336, received value: 10
Thread1 exited with value: 10
Thread2 exited with value: 20

Process exited after 0.0095 seconds with return value 0
Press any key to continue . . .

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