

CA\Users\mudir\OneDrive\Documents\OS14.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

os11.cpp x OS12.cpp x OS13.cpp x OS14.cpp x

```
1 #include <stdio.h>
2 #include <string.h>
3
4 struct {
5     char fname[20];
6 } dir;
7
8 int main() {
9     char file[20];
10    int ch;
11    dir.fname[0] = '\0';
12
13    while (1) {
14        printf("\n--- Single Level Directory Simulation ---\n");
15        printf("1. Create File\n2. Delete File\n3. Search File\n4. Display Directory\n5. Exit\n");
16        printf("Enter your choice: ");
17        scanf("%d", &ch);
18
19        switch (ch) {
20            case 1:
21                if (dir.fname[0] != '\0') {
22                    printf("Directory already contains a file: %s\n", dir.fname);
23                } else {
24                    printf("Enter the file name to create: ");
25                    scanf("%s", dir.fname);
26                    printf("File '%s' created successfully.\n", dir.fname);
27                }
28                break;
29            case 2:
30                if (dir.fname[0] != '\0') {
31                    printf("No file to delete.\n");
32                }
33                break;
34            case 3:
35                printf("Directory is empty.\n");
36                break;
37            case 4:
38                printf("Directory is empty.\n");
39                break;
40            case 5:
41                break;
42            default:
43                printf("Invalid choice. Try again.\n");
44                break;
45        }
46    }
47 }
```

Compiler Resources Compile Log Debug Find Results Console Close

Abort Compilation

Errors: 0
Warnings: 0
Output Filename: C:\Users\mudir\OneDrive\Documents\OS14.exe
Output Size: 323.970703125 Kib
Compilation Time: 0.16s

Shorten compiler path

Line: 20 Col: 21 Sel: 0 Lines: 63 Length: 1873 Insert Done parsing in 0 seconds

28°C Mostly cloudy

Search

ENG IN

22:48 30-09-2025

C:\Users\mudir\OneDrive\Documents\OS14.exe

```
4. Display Directory
5. Exit
Enter your choice: 2
No file to delete.

--- Single Level Directory Simulation ---
1. Create File
2. Delete File
3. Search File
4. Display Directory
5. Exit
Enter your choice: 4
Directory is empty.

--- Single Level Directory Simulation ---
1. Create File
2. Delete File
3. Search File
4. Display Directory
5. Exit
Enter your choice: 6
Invalid choice. Try again.

--- Single Level Directory Simulation ---
1. Create File
2. Delete File
3. Search File
4. Display Directory
5. Exit
Enter your choice: |
```