

C:\Users\mudir\OneDrive\Documents\DS22.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 DS19.cpp Untitled1 DS20.cpp DS21.cpp DS22.cpp

```
21
22
23 int main() {
24     int i, j, start;
25
26     printf("Enter number of vertices: ");
27     scanf("%d", &n);
28
29     printf("Enter adjacency matrix of the graph:\n");
30     for (i = 0; i < n; i++) {
31         for (j = 0; j < n; j++) {
32             scanf("%d", &adj[i][j]);
33         }
34     }
35
36     for (i = 0; i < n; i++)
37         visited[i] = 0;
38
39     printf("Enter starting vertex (0 to %d): ", n - 1);
40     scanf("%d", &start);
41
42     printf("DFS Traversal: ");
43     DFS(start);
44     printf("\n");
45
46     return 0;
47 }
48
```

Enter number of vertices: 4
Enter adjacency matrix of the graph:
1 0 0 1
1 1 0 0
1 0 1 0
1 1 0 0
Enter starting vertex (0 to 3): 1
DFS Traversal: 1 0 3

Process exited after 17.27 seconds with return value 0
Press any key to continue . . . |

Compiler Resources Compile Log Debug Find Results Console Close

Abort Compilation

- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\mudir\OneDrive\Documents\DS22.exe
- Output Size: 323.6953125 KiB
- Compilation Time: 0.28s

Shorten compiler path

Line: 22 Col: 1 Sel: 0 Lines: 48 Length: 943 Insert Done parsing in 0.015 seconds

31°C Partly sunny

Search

15:06 05-11-2025