

C:\Users\mudir\OneDrive\Documents\DS21.cpp - [Executing] - Embarcadero Dev-C++ 6.3

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TDM-GCC 9.2.0 64-bit Release

(globals)

Project Class DS19.cpp Untitled1 DS20.cpp DS21.cpp

```
47     }
48 }
49 }
50 printf("\n");
51 }
52
53
54 int main() {
55     int i, j, start;
56
57     printf("Enter number of vertices: ");
58     scanf("%d", &n);
59
60     printf("Enter adjacency matrix of the graph:\n");
61     for (i = 0; i < n; i++) {
62         for (j = 0; j < n; j++) {
63             scanf("%d", &adj[i][j]);
64         }
65     }
66
67     printf("Enter starting vertex (0 to %d): ", n - 1);
68     scanf("%d", &start);
69
70     BFS(start);
71
72     return 0;
73 }
74 }
```

Enter number of vertices: 5  
Enter adjacency matrix of the graph:  
0 1 1 0 0  
1 0 0 1 1  
  
0 0 1 1 0  
0 1 1 1 0  
1 0 1 0 0  
Enter starting vertex (0 to 4): 0  
BFS Traversal: 0 1 2 3 4  
  
-----  
Process exited after 63.63 seconds with return value 0  
Press any key to continue . . .

Compiler Resources Compile Log Debug Find Results Console Close

Abort Compilation  
Shorten compiler path

Line: 53 Col: 1 Sel: 0 Lines: 74 Length: 1446 Insert Done parsing in 0 seconds

31°C Partly sunny

Search

15:04 05-11-2025