

C:\Users\mudir\OneDrive\Documents\DS1.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 DS1.cpp

```
1 #include <stdio.h>
2
3 int main() {
4     int a[10][10], b[10][10], result[10][10];
5     int r1, c1, r2, c2, i, j, k;
6
7
8     printf("Enter rows and columns for first matrix: ");
9     scanf("%d %d", &r1, &c1);
10    printf("Enter rows and columns for second matrix: ");
11    scanf("%d %d", &r2, &c2);
12
13
14    if (c1 != r2) {
15        printf("Matrix multiplication not possible! Columns of A must equal rows of B.\n");
16        return 0;
17    }
18
19
20    printf("Enter elements of first matrix:\n");
21    for (i = 0; i < r1; ++i)
22        for (j = 0; j < c1; ++j)
23            scanf("%d", &a[i][j]);
24
25
26    printf("Enter elements of second matrix:\n");
27    for (i = 0; i < r2; ++i)
28        for (j = 0; j < c2; ++j)
```

Compiler Resources Compile Log Debug Find Results Console Close

Errors: 0
Warnings: 0
Output Filename: C:\Users\mudir\OneDrive\Documents\DS1.exe
Output Size: 324.125 KiB
Compilation Time: 0.41s

Shorten compiler path

Line: 7 Col: 5 Sel: 0 Lines: 57 Length: 1282 Insert Done parsing in 0.156 seconds

Gold +0.71%

Search

ENG IN 13:18 15-10-2025

C:\Users\mudir\OneDrive\Documents\DS1.exe

Enter rows and columns for first matrix: 2 2
Enter rows and columns for second matrix: 2 2
Enter elements of first matrix:
1 2
3 4
Enter elements of second matrix:
5 6
7 8
Resultant Matrix:
19 22
43 50

Process exited after 16.92 seconds with return value 0
Press any key to continue . . .