

C:\Users\mudir\OneDrive\Documents\DS17.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 DS15.cpp x [*] DS16.cpp x [*] DS17.cpp x

```
35
36     mergeSort(arr, left, mid);
37     mergeSort(arr, mid + 1, right);
38
39     merge(arr, left, mid, right);
40 }
41
42
43 int main() {
44     int n;
45     printf("Enter number of elements: ");
46     scanf("%d", &n);
47
48     int arr[n];
49     printf("Enter %d elements:\n", n);
50     for (int i = 0; i < n; i++)
51         scanf("%d", &arr[i]);
52
53     mergeSort(arr, 0, n - 1);
54
55     printf("Sorted array in ascending order: ");
56     for (int i = 0; i < n; i++)
57         printf("%d ", arr[i]);
58     printf("\n");
59
60     return 0;
61 }
62
```

Compiler (2) Resources Compile Log Debug Find Results Console Close

Abort Compilation

Errors: 0
Warnings: 0
Output Filename: C:\Users\mudir\OneDrive\Documents\DS17.exe
Output Size: 324.521464375 KiB
Compilation Time: 0.19s

Shorten compiler path

Line: 42 Col: 62 1 Sel: 0 Lines: 62 Length: 1307 Insert Done parsing in 0.016 seconds

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Search

ENG IN

16:27 16-10-2025

C:\Users\mudir\OneDrive\Documents\DS17.exe

Enter number of elements: 4
Enter 4 elements:
15 37 59 69
Sorted array in ascending order: 15 37 59 69

Process exited after 7.174 seconds with return value 0
Press any key to continue . . .