

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 DS16.cpp DS17.cpp

```
35     mergeSort(arr, left, mid);
36     mergeSort(arr, mid + 1, right);
37
38     merge(arr, left, mid, right);
39 }
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
```

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 . . . |

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: 324.521484375 KiB  
- Compilation Time: 0.19s

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

Rainy days ahead 30°C

Search

16:27 16-10-2025