

C:\Users\Deekshitha Reddy\OneDrive\Documents\Untitled1.cpp - [Executing] - Dev-C++ 5.11

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TDM-GCC 4.9.2 64-bit Release

(globals)

Project Classes Debug

Untitled1.cpp

```
1 #include <stdio.h>
2
3 void merge(int a[], int l, int m, int r) {
4     int i = l, j = m + 1, k = 0, temp[100];
5     while (i <= m && j <= r)
6         temp[k++] = (a[i] < a[j]) ? a[i++] : a[j++];
7     while (i <= m) temp[k++] = a[i++];
8     while (j <= r) temp[k++] = a[j++];
9     for (i = l, k = 0; i <= r; i++) a[i] = temp[k++];
10 }
11
12 void mergeSort(int a[], int l, int r) {
13     if (l < r) {
14         int m = (l + r) / 2;
15         mergeSort(a, l, m);
16         mergeSort(a, m + 1, r);
17         merge(a, l, m, r);
18     }
19 }
20
21 int main() {
22     int a[] = {8, 3, 5, 4, 7, 2}, n = 6;
23     mergeSort(a, 0, n - 1);
24     for (int i = 0; i < n; i++) printf("%d ", a[i]);
25     return 0;
26 }
```

Compiler Resources Compile Log Debug Find Results Close

Abort Compilation

Output Filename: C:\Users\Deekshitha Reddy\OneDrive\Documents\Untitled1.exe
Output Size: 128.9970703125 KiB
Compilation Time: 0.42s

Shorten compiler paths

Line: 26 Col: 2 Sel: 0 Lines: 26 Length: 683 Insert Done parsing in 0.0

C:\Users\Deekshitha Reddy\O x + v

2 3 4 5 7 8

Process exited after 0.5526 seconds with return value 0
Press any key to continue . . .

15:31
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