

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 heapify(int a[], int n, int i) {
4     int largest = i, l = 2*i + 1, r = 2*i + 2, temp;
5     if (l < n && a[l] > a[largest]) largest = l;
6     if (r < n && a[r] > a[largest]) largest = r;
7     if (largest != i) {
8         temp = a[i]; a[i] = a[largest]; a[largest] = temp;
9         heapify(a, n, largest);
10    }
11 }
12
13 void heapSort(int a[], int n) {
14     for (int i = n/2 - 1; i >= 0; i--)
15         heapify(a, n, i);
16     for (int i = n - 1; i > 0; i--) {
17         int temp = a[0]; a[0] = a[i]; a[i] = temp;
18         heapify(a, i, 0);
19     }
20 }
21
22 int main() {
23     int a[] = {12, 11, 13, 5, 6, 7}, n = 6;
24     heapSort(a, n);
25     for (int i = 0; i < n; i++) printf("%d ", a[i]);
26     return 0;
27 }
```

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Abort Compilation

Shorten compiler paths

Output Filename: C:\Users\Deekshitha Reddy\OneDrive\Documents\Untitled1.exe
Output Size: 128.99609375 KiB
Compilation Time: 0.33s

Line: 27 Col: 2 Sel: 0 Lines: 27 Length: 727 Insert Done parsing in

C:\Users\Deekshitha Reddy\O

5 6 7 11 12 13

Process exited after 0.3926 seconds with return value 0
Press any key to continue . . . |

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