

C:\Users\T480s\Desktop\exchange\data structure2\HW\HW4\test3.cpp - Dev-C++ 5.11

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(globals)

Project Classes Debug test1.cpp test3.cpp

```
1 #include <iostream>
2 using namespace std;
3 int func(int input)
4 {
5     if(input == 1)
6     {
7         return 0;
8     }
9     else
10    {
11        if(input%2 == 0)
12        {
13            return func(input/2) + 1;
14        }
15        else
16        {
17            return func(input * 3 + 1) + 1;
18        }
19    }
20 }
```