

C:\Users\dileee\Desktop\2nd Question.cpp - [Executing] - Dev-C++ 5.11

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TDM-GCC 4.9.2 64-bit Release

(globals)

Project Classes Debug 3rd Question.cpp Untitled2 2nd Question.cpp

```
1 #include <iostream>
2 using namespace std;
3 class Counter
4 {
5     private:
6         int count;
7     public:
8         Counter() : count(0) {}
9         void operator++()
10        {
11            ++count;
12        }
13        void display()
14        {
15            cout << "Count: " << count << endl;
16        }
17 };
18 int main()
19 {
20     Counter c;
21     ++c;
22     c.display();
23     return 0;
24 }
```

C:\Users\dileee\Desktop\2nd C x + v

Count: 1

-----  
Process exited after 0.1302 seconds with return value 0  
Press any key to continue . . .

Compiler Resources Compile Log Debug Find Results Close

Abort Compilation

- Warnings: 0  
- Output Filename: C:\Users\dileee\Desktop\2nd Question.exe  
- Output Size: 1.83274459838867 MiB  
- Compilation Time: 0.92s

Shorten compiler paths



Scanned with OKEN Scanner

C:\Users\harsh\OneDrive\Desktop\HARSHITH\test.cpp - DEV-C++ 5.11

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TDE-GCC 4.9.2 64-bit Release

(global)

Project Classes Debug

[\*] test.cpp test.cpp

```
1 #include <iostream>
2 #include <cmath>
3 using namespace std;
4 class Shape {
5     protected:
6         double height;
7         double width;
8     public:
9         Shape(double h, double w) : height(h), width(w) {}
10        virtual double area() = 0;
11        virtual double perimeter() = 0;
12    };
13    class Rectangle : public Shape {
14    public:
15        Rectangle(double h, double w) : Shape(h, w) {}
16        double area() {
17            return height * width;
18        }
19        double perimeter() {
20            return 2 * (height + width);
21        }
22    };
23    class Triangle : public Shape {
24    public:
25        Triangle(double h, double w) : Shape(h, w) {}
26        double area() {
27            return 0.5 * height * width;
28        }
29        double perimeter() {
30            double c = sqrt(pow(height, 2) + pow(width, 2));
31            return height + width + c;
32        }
33    };
34    int main() {
35        Rectangle r(5, 30);
36        Triangle t(3, 4);
```

Compiler Resources Compile Log Debug Find Results Close

Abort Compilation

```
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\harsh\OneDrive\Desktop\HARSHITH\test.exe
- Output Size: 1.04154605865479 MiB
- Compilation Time: 0.78s
```

Ln: 40 Col: 61 Cbk: 0 Lines: 42 Length: 1167 Exec: 0.016 seconds

C:\Users\harsh\OneDrive\Des

```
Rectangle area: 50
Rectangle perimeter: 30
Triangle area: 6
Triangle perimeter: 12
```

```
-----
Process exited after 0.03374 seconds with return value 0
Press any key to continue . . .
```

