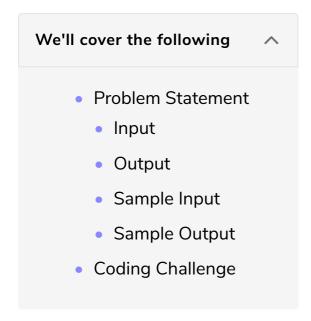
Exercise 1: Calculating Area

This is a basic exercise on defining a class that helps calculate the area of a triangle.



Problem Statement

Let's start with a very basic example.

Write a *class* called **Triangle** having **two** public variables for **length** and **height** and **one** *member* function called **area** which will *return* the **area** of the right angle **triangle**. You can calculate the area of a triangle using

$$Area = 1/2(length)(height)$$

Input

two variables (integer or float) as the dimensions of the triangle

Output

area of that triangle

Sample Input #

4, 5

Sample Output

Coding Challenge

Write your code below. It is recommended that you try solving the exercise yourself before viewing the solution.

Good Luck!

Note: There is a **test** function given in the code for testing purposes. Do not modify it.

```
//define your class here
// name your class Triangle
//name your function area

//This is a test function. Do not change it.
function test($length, $height) {

    $answer=0;
    $obj = new Triangle;
    $obj->length= $length;
    $obj->height= $height;
    echo "Area: ".$obj->area();
    $answer = $obj->area();
    return $answer;
}
}
```







