

# Rectangle Area

## Problem Statement

Krish just finished reading about rectangles, and he has learned how to compute the area of a rectangle. However, he doesn't know whether his answer is correct. He needs your help! Write a class that computes the area of a rectangle.

Create two classes: "Rectangle" and "RectangleArea" with the following specifications:

Class1: Rectangle

Member1: width

Member2: height

Method1: Display(), to display the dimensions of rectangle.

Class2: RectangleArea, derived from class Rectangle.

Method1: Input(), to read the width and height of a rectangle.

Method2: Display(), overloaded function to display the area of rectangle.

## Input Format

The first and only line of input contains two space separated integers denoting the width and height of the rectangle.

## Constraints

$1 \leq width \leq 100$ .

$1 \leq height \leq 100$ .

## Output Format

In the first line, print the width and height of the rectangle with a single space in between.

In the next line, print the area of the rectangle.

## Sample Input

```
10 5
```

## Sample Output

```
10 5
50
```

## Explanation

Area of rectangle is calculated as:  $width * height = 10 * 5 = 50$ .