Rectangle Area

In this challenge, you are required to compute the area of a rectangle using classes.

Create two classes:

Rectangle

The *Rectangle* class should have two data fields-*width* and *height* of *int* types. The class should have *display()* method, to print the *width* and *height* of the rectangle separated by space.

RectangleArea

The *RectangleArea* class is derived from *Rectangle* class, i.e., it is the sub-class of *Rectangle* class. The class should have *read_input()* method, to read the values of *width* and *height* of the rectangle. The *RectangleArea* class should also overload the *display()* method to print the area $(\texttt{width} \times \texttt{height})$ of the rectangle.

Input Format

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

Constraints

- $1 \leq width, height \leq 100$

Output Format

The output should consist of exactly two lines:
In the first line, print the *width* and *height* of the rectangle separated by space.
In the second line, print the *area* of the rectangle.

Sample Input

```
10 5
```

Sample Output

```
10 5
50
```

Explanation

As, $width = 10$ and $height = 5$, so $area = width \times height = 50$