Cake Making

There are exactly 100 colours in the world, numbered 1 to 100.

Chef is making a 2-layered cake, and all that is left is deciding the colours of the 2 layers.

Chef has decided that we can choose any of the colours $1, 2, \ldots, A$ for the first layer, and any of the colours $1, 2, \ldots, B$ for the second layer.

However, there is an **extra constraint**. To encourage diversity, the first and the second layer should not have the same colour.

How many different cakes are possible while following the above rules? 2 cakes are said to be different when either the first layer or the second layer has a different colour.

Input Format

- The first and only line of input contains 2 integers A and B.

Output Format

Output the total number of possible cakes.

Constraints

- $1 \leq A, B \leq 100$

Sample 1:

Input	Output
2 3	4

Explanation:

The following cakes are possible: (The first number represents the colour of layer 1 and the second number the colour of layer 2)

- $(1, 2)$
- $(1, 3)$
- $(2, 1)$
- $(2, 3)$

Sample 2:

Input	Output