Cake Making

There are exactly 100 colours in the world, numbered $1\ \text{to}\ 100.$

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.

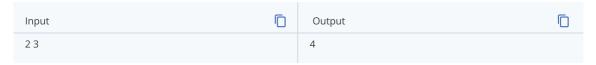
Output Format

Output the total number of possible cakes.

Constraints

• $1 \le A, B \le 100$

Sample 1:



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:

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