Kim Seok-jin is given a rectangular board of M x N squares. Also he is given an unlimited number of standard domino pieces of 1 x 2 squares. He is allow to rotate the pieces. He is going to place as much as domino on board that meet the following conditions.

1. Each domino completely cover two sqaures.
2. Domino cannot be overlapped.
3. Domino cannot be outside the board.

Since you are a fan of Kim Seok-jin, write the program to find the maximum number of domino to place in the board which satisfyed the restrictions.

**Input**

The only one line of input contains two positive integer M and N which 1<=M, N<=100

**Output**

The only one line of output represent the maxmimum number dominos.

**For example:**

| Input | Result |
| --- | --- |
| 2 4 | 4 |
| 3 3 | 4 |

| | Input | Expected | Got | |
| --- | --- | --- | --- | --- |
| ✔ | 2 4 | 4 | 4 | ✔ |
| ✔ | 3 3 | 4 | 4 | ✔ |
| ✔ | 5 5 | 12 | 12 | ✔ |
| ✔ | 45 12 | 270 | 270 | ✔ |
| ✔ | 23 57 | 655 | 655 | ✔ |

Passed all tests! ✔