

Problem A

Even Sum

Time limit: 1 second
Memory: 1024 megabytes

Problem Description

During a festival game, students are required to participate in a challenge with special marbles. There are a total of $m + n$ marbles, and each marble has a positive integer written on it.

Among these marbles:

- n marbles have an even number written on them.
- m marbles have an odd number written on them.

The students' task is to select two marbles such that the sum of the numbers on the two marbles is an **even** number. Note that choosing a pair of marbles with indices a, b or b, a is considered the same, meaning the order of selection does not matter.

Example: Suppose there are: $n = 2, m = 1$.

The numbers on the marbles could be **2, 6** (even), and **3** (odd).

The possible pairs of marbles are:

- **(2, 6)** — sum is **8** (even).
- **(2, 3)** — sum is **5** (odd).
- **(6, 3)** — sum is **9** (odd).

Thus, only one pair **(2, 6)** satisfies the condition that the sum is even.

Question: How many ways are there to select **2** marbles such that their sum is an even number?

Input:

- Two integers n and m are given, where $0 \leq n, m \leq 10^9$.

Output:

- Output a single integer representing the number of ways to select two marbles such that their sum is an even number.

Example:

INPUT	OUTPUT
2 1	1