Easy Odd Sum

Hablu likes odd numbers a lot. So he wants the sum of all odd numbers in range [a, b]. That is, find the sum of all odd numbers i such that ($a \le i \le b$). Seems easy right? Because it is.

Input

The first and only line will contain 2 integers a, b where $(0 \le a \le 10^8)$ and $(0 \le b \le 10^8)$.

Output

In one line, output the value of the sum

Example

Input:

09

Output:

25