Problem A. City

Input file:	`standard input`
Output file:	`standard output`
Time limit:	1 second
Memory limit:	256 megabytes

Hi ICPCer, welcome to Xi'an.

Being a beautiful ancient city, Xi'an is the capital city of Zhou, Qin, Han, and Tang Dynasties. With a long history, the streets in Xi'an have a grid pattern.

Attracted by the streets' structure, Coach *Pang* would like to conduct his research on them. He draws an $n \times m$ grid on the board. The grid consists $n+1$ vertical line segments and $m+1$ horizontal line segments. The vertical and horizontal line segments intersect at exactly $(n+1) \times (m+1)$ points, forming $n \times m$ unit squares. We call the $(n+1) \times (m+1)$ intersections *grid point*s. Output the number of line segments(not only vertical or horizontal) l satisfying the following three conditions:

1. The length is not zero.
2. Both endpoints of l are grid points.
3. The midpoint of l is a grid point.

Input

The only line contains two integers $n, m (1 \leq n, m \leq 1000)$.

Output

Print the answer in a single line.

Examples

standard input	standard output
1 1	0
2 3	14