

A Simple Problem

Time Limit: 1 Second
Memory Limit: 256 MB

Many people complain that long problem statements are annoying, so we decided to give you a straightforward and easy (?) problem:

Given two integers n and k , calculate $\sum_{i=1}^n k \bmod i$.

Input

The only line of input contains two integers n and k ($1 \leq n, k \leq 10^9$), as described in the problem statement.

Output

Output a single integer denoting $\sum_{i=1}^n k \bmod i$.

Sample Inputs

5 3

Sample Outputs

7
