

Square

Example task

Short name: **squ**
Time limit: **1 s**
Memory limit: **256 MB**

Write a program that reads an integer k from standard input and prints its squared value k^2 to standard output.

Input

The first (and only) line contains a single integer k ($-10^9 \leq k \leq 10^9$).

Output

Print one integer – the squared value of k .