Problem E: Square

Algorithms for Programming Contests

Restrictions

Time: 2 seconds
Memory: 256 Mb

Problem description

You need to write a program to square the given integer number.

Input

The input starts with the number $t \leq 100$ of test cases. Each test case consists of an integer $N(-10^9 \leq N \leq 10^9)$ specifying the number that should be squared.

Output

For each test case output a single line which contains the number N^2.

Sample input and output

Input	Output
3 1 2 3	1 4 9
5 1 5 1 10 100	1 25 1 100 10000