Problem T. X Cubic

Time Limit	1000 ms
Mem Limit	131072 kB
OS	Linux

Write a program which calculates the cube of a given integer x.

Input

An integer x is given in a line.

Output

Print the cube of x in a line.

Constraints

- $1 \leq x \leq 100$

Input	Output
2	8

Input	Output
3	27