Problem A. 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