

Ez Pz

time limit per test: 1 second
memory limit per test: 256 megabytes
input: standard input
output: standard output
points: 100 · problem code: ezpz · author: Parsa

MAPS IS THE BEST

Input

The input is an integer n .

Output

Output a non-negative integer representing the answer.

Constraints

$$1 \leq n \leq 13$$

Example 1

Input

1

77

Example 2

Input

2

65

Example 3

Input

5

73

Example 4

Input

13

84