# Problem F. F

**Time limit**  2000 ms
**Mem limit**  1048576 kB

## Problem Statement

For a positive integer $X$, the **Dragon String** of level $X$ is a string of length $(X + 3)$ formed by one `L`, $X$ occurrences of `o`, one `n`, and one `g` arranged in this order.

You are given a positive integer $N$. Print the Dragon String of level $N$.
Note that uppercase and lowercase letters are distinguished.

## Constraints

- $1 \le N \le 2024$
- $N$ is an integer.

## Input

The input is given from Standard Input in the following format:

$N$

## Output

Print the Dragon String of level $N$.

## Sample 1

| Input | Output |
|-------|--------|
| 3 | Looong |

Arranging one `L`, three `o` s, one `n`, and one `g` in this order yields `Looong`.

## Sample 2

| Input | Output |
|-------|--------|
| 1 | Long |

| Input | Output |
|-------|--------|
| 1 | Long |