


<b>Assignment Case</b>	
CH1 Var3	
<b>Periode Berlaku</b> Semester Ganjil 2022/2023 <b>Valid on</b> Odd Year 2022/2023	<b>Software Laboratory Center</b> <b>Assistant Recruitment 23-1</b>

## Soal

Case

### Alien Numbers

Some friends hunting a treasure. They given some symbols they must solved to find the location of the treasure. These “alien numbers” are represented by several symbols: O, S, N, X, L, C, R, M, G, and H.

Symbol	Value
O	1
S	6
N	9
X	10
L	50
C	100
R	600
M	1000

Based on the hint, the Alien numerical is written by adding the value of each symbol. It is usually written largest to smallest from left to right. For example, 4 is written as OOOO, while 13 is written as XSO.

### Input

The program will ask for a single input, which is **N**.

### Constraint

$$1 \leq N \leq 10000$$

### Output

The convert result of number to alien number.

### Example

Input	Output
58	LSOO
110	CX