LBP19

A network protocol specifies how data is exchanged via transmission media. The protocol converts each message into a stream of 1's and 0's.

Given a decimal number, write an algorithm to **convert the number into a binary form**.

Input Format

a decimal number from the user

Constraints

n>=0

Output Format

its equalent binary form

Sample Input 0

```
4
```

Sample Output 0

```
100
```

Sample Input 1

```
8
```

Sample Output 1

```
1000
```