# Bit Swap

Write a program that reads a number **n** and **exchanges bit** **3** with **24**.

## Input

The input data is read from the console.

* The input consists of only 1 line: the number **n**.
* The input data will always be valid and in the format described. There is no need to check it explicitly.

## Output

The output data must be printed on the console and should consist of only one line – the resulting number.

## Constraints

* The number **n** will be an integer number in the range [-9223372036854775808...9223372036854775807].
* Time limit: 0.1 seconds.
* Allowed memory: 16 MB.

## Examples

|  |  |  |  |
| --- | --- | --- | --- |
| **n** | **binary representation of n** | **binary result** | **result** |
| 1140867093 | 0100010**0** 00000000 01000000 0001**0**101 | 0100010**0** 00000000 01000000 0001**0**101 | 1140867093 |
| 255406592 | 0000111**1** 00111001 00110010 0000**0**000 | 0000111**0** 00111001 00110010 0000**1**000 | 238629384 |