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# 51447. Bits

Input file:            `standard input`  
Output file:        `standard output`  
Time limit:        2 seconds  
Memory limit:     64 megabytes

You are given integer number  $N$ , guaranteed that the number has exactly 4 bits in binary representation. reverse the number in binary representation and print out it.

## Input

One integer number  $N$

## Output

Reversed number

## Examples

standard input	standard output
12	3
11	13
13	11
9	9
10	5

## Note

reverse example: 12 in binary representation is 1100, 0011 is reversed number, it means you should output 3.