**Title**

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**Flipping Bits**

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**Description**

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You will be given a list of 32 bit unsigned integers. Flip all the bits (1 -> 0 and 0 -> 1) and return the result as an unsigned integer.

**Example**

n = 9

In Binary 00000000000000000000000000001001

After Filling 11111111111111111111111111110110

Return 4294967286

**Function Description**

Complete the flippingBits function in the editor below.

**flippingBits has the following parameter(s):**

int n: an integer

**Returns**

int: the unsigned decimal integer result

**Input Format**

The first line of the input contains q, the number of queries.

Each of the next q lines contain an integer,n , to process.

**Constraints**

1 <= q <= 100

0 <= n <= 232

**Sample Input**

3

2147483647

1

0

**Sample Output**

2147483648

4294967294

4294967295

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**Code**

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package main

import(

    "fmt"

)

func main(){

    var n int64 = 9

    var flp int64

    flp = flippingBits(n)

    fmt.Println(flp)

}

func flippingBits(n int64) int64 {

    var output uint32 = ^(uint32(n))

    return int64(output)

}

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