This is a [reverse challenge](keyword://reverse-challenge). Enjoy!

**Input/Output**

* **[time limit] 3000ms (cs)**
* **[input] integer k**

*Constraints:*  
0 ≤ k < 231.

* **[output] integer**

<https://codefights.com/challenge/5W5Q5fNMiauqSgA6c?utm_source=emailNotification&utm_medium=email&utm_campaign=featuredChallenge>

static int rightGuy(long k)

{

if (k == 0) return 0;

string a = Convert.ToString(k, 2);

string b = Convert.ToString(k - 1, 2);

b = new string('0', a.Length - b.Length) + b;

// Console.WriteLine(a.Length);

Console.WriteLine(a);

Console.WriteLine(b);

int indice = 0;

for (int i = a.Length - 1; i >= 0; i--)

{

if (a[i] =='1' &&b[i] == '0')

{

break;

}

indice++;

}

return indice+1;

}