import java.io.\*;

import java.util.\*;

import java.text.\*;

import java.math.\*;

import java.util.regex.\*;

public class Solution {

public static void main(String[] args) {

Scanner in = new Scanner(System.in);

int n = in.nextInt();

String str = Integer.toBinaryString(n);

char[] c = str.toCharArray();

int max = 0;

int num = 0;

int i=0;

while(i<c.length)

{

if(c[i] == '1')

{

num++;

} else {

num = 0;

}

if(max < num)

{

max = num;

}

i++;

}

System.out.println(max);

}

}