## Find the max XOR value

You have two integers  $\bf L$  and  $\bf R$ , and you are required to find the max xor value of a and b where  $\bf L <= a <= R$  and  $\bf L <= b <= R$ 

## Input

Two integers in a line. L, R <= 1e9

## Output

One integer, the answer

## **Example**

Input:

1 10

**Output:** 

15