3133. Minimum Array End

Description

You are given two integers `n` and `x`. You have to construct an array of **positive** integers `nums` of size `n` where for every `0 <= i < n - 1`, `nums[i + 1]` is **greater than** `nums[i]`, and the result of the bitwise `AND` operation between all elements of `nums` is `x`.

Return the **minimum** possible value of `nums[n - 1]`.

Example 1:

Input: n = 3, x = 4

Output: 6

Explanation:

`nums` can be `[4,5,6]` and its last element is 6.

Example 2:

Input: n = 2, x = 7

Output: 15

Explanation:

`nums` can be `[7,15]` and its last element is 15.

Constraints:

- `1 <= n, x <= 10^8`