

Maximum AND Value

Given an array **A[]** of **N** elements, you can pick at most one element of the array and increment or decrement it by any value. The task is to maximize the AND of the resulting array.

Note: AND of the array is defined as the bitwise **AND(&)** of all the array elements.

Example 1:

Input:

N = 3

A[] = {1, 2, 3}

Output:

2

Explanation:

We will increment first element by 1.

Example 2:

Input:

N = 2

A[] = {10, 10}

Output:

10

Explanation:

We will not perform any operation.

Your Task:

You don't need to read, input, or print anything. Your task is to complete the function **maxAnd()**, which takes **N** and **A[]** as input parameters and returns bitwise AND of all array elements after operating at most one time.

Constraints:

$2 \leq N \leq 2 * 10^5$

$0 \leq A[i] \leq 2 * 10^9$