**AND xor OR**

**Problem Statements :**

You are given an array A[] of N distinct elements. Let M1 and M2 be the smallest and the next smallest element in the interval [L, R] where 1<= L < R <=N.

Problem Link : https://www.hackerrank.com/challenges/and-xor-or/problem

**Input Format :**

First line contains integer t as number of test cases.

Each test case contains an integer k and string S separated by space.

**Constraints :**

1 < N < 10^6

1< < 10^9

**Output Format :**

Print the value of maximum possible value of .

**Sample Input :**

5  
9 6 3 5 2

**Sample Output :**

15

**Explanation :**

Consider the interval [1, 2] the result will be maximum.

**Time Limit :**