Given a **non-empty** array of numbers, a0, a1, a2, … , an-1, where 0 ≤ ai < 231.

Find the maximum result of ai XOR aj, where 0 ≤ *i*, *j* < *n*.

Could you do this in O(*n*) runtime?

**Example:**

**Input:** [3, 10, 5, 25, 2, 8]

**Output:** 28

**Explanation:** The maximum result is **5** ^ **25** = 28.