find me max. value of artij 1x2.

-> Inert all the no. into the trie

Binary bits

- Toke x & find the max no. from array who where (no ~x) 11

the no. Stony 9-01001 Tot

Mode of Linh [32] 29,8,7,5,43 Problem Statement Suggest Edit

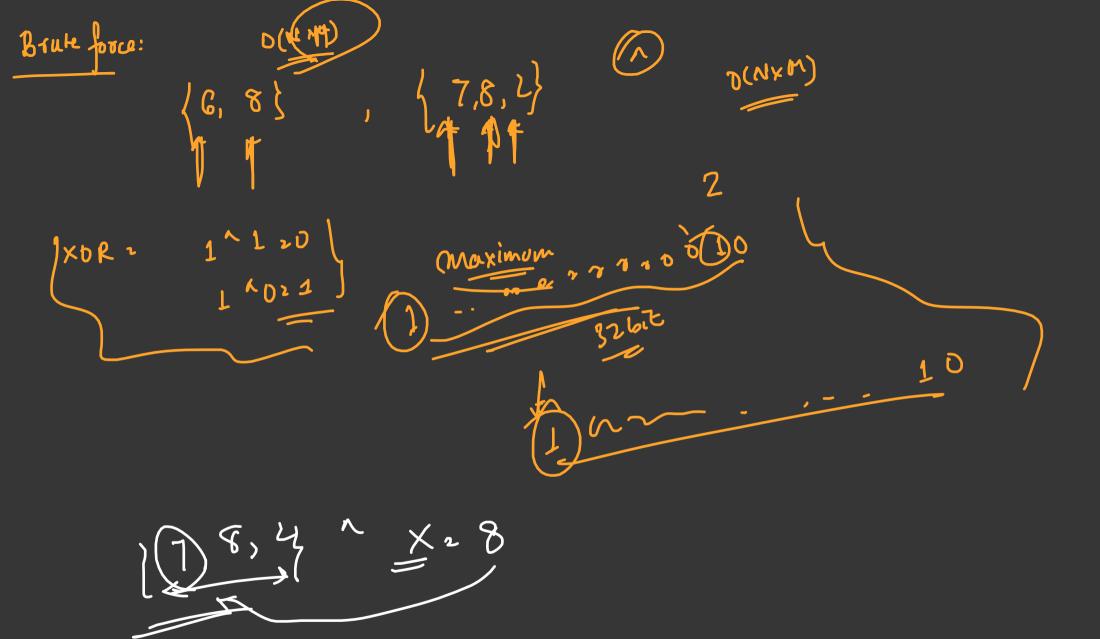
You are given an array/list 'ARR' consisting of 'N' non-negative integers. You are also given a list 'QUERIES' consisting of 'M' queries, where the 'i-th' query is a list/array of two non-negative integers 'Xi', 'Ai', i.e 'QUERIES[i]' = ['Xi', 'Ai'].

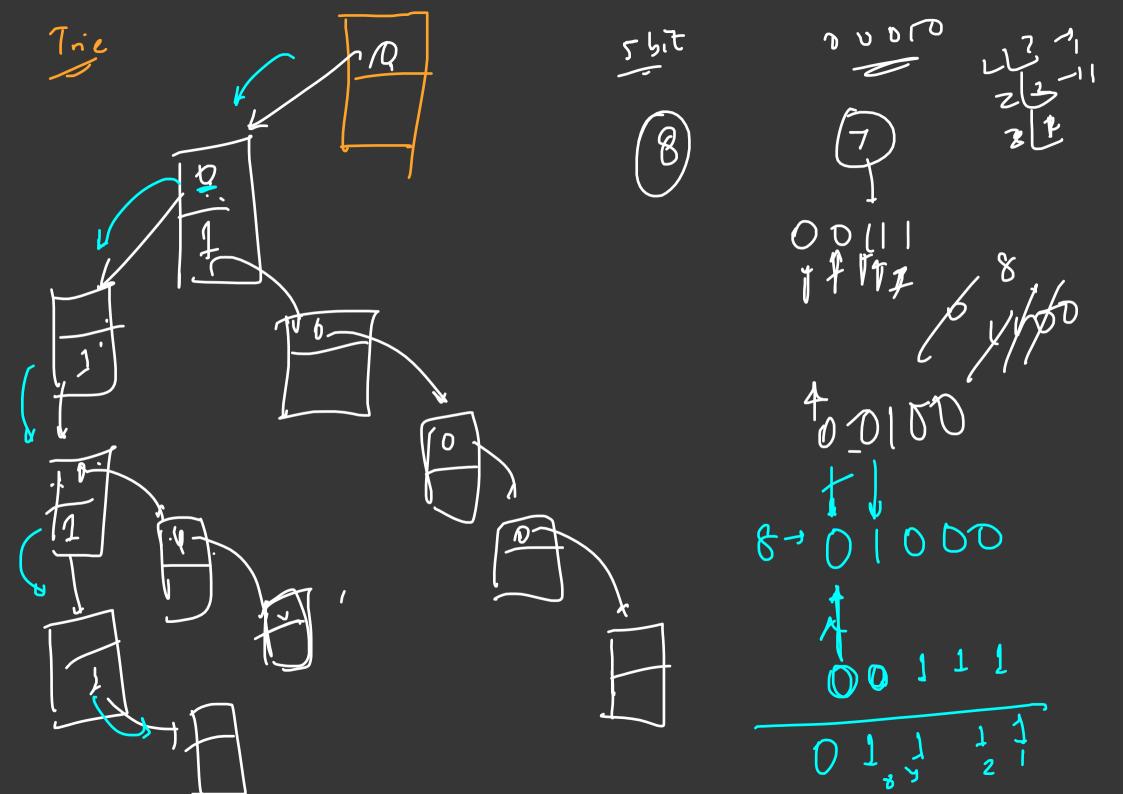
The answer to the ith query, i.e 'QUERIES[i]' is the maximum bitwise xor value of 'Xi' with any integer less than or equal to 'Ai' in 'ARR'.

You should return an array/list consisting of 'N' integers where the 'i-th' integer is the answer of 'QUERIES[i]'.

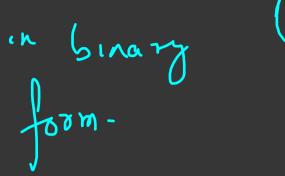
arr ] 2 (6, 8)

arr 2 2 } 7, 8, 2





· Insert the all the no. in array in binary form-



· Take one clement and try to maximise it will the

Structure of Node The link [2]; 0 1 000 Check Bit 01000 0000 00100 00000 Set sit

1

Cut bit
00100
1.0010
. 10

1221 L Imm



