5440. XOR Operation in an Array

My Submissions (/contest/weekly-contest-194/problems/xor-operation-in-an-array/submissions/)

Back to Contest (/contest/weekly-contest-194/)

Given an integer `n` and an integer `start`.

Define an array `nums` where `nums[i] = start + 2*i` (0-indexed) and `n == nums.length`.

Return the bitwise XOR of all elements of `nums`.

User Accepted:	5271
User Tried:	5342
Total Accepted:	5324
Total Submissions:	5663
Difficulty:	Easy

Example 1:

```
Input: n = 5, start = 0
Output: 8
Explanation: Array nums is equal to [0, 2, 4, 6, 8] wher
Where "^" corresponds to bitwise XOR operator.
```

Example 2:

```
Input: n = 4, start = 3
Output: 8
Explanation: Array nums is equal to [3, 5, 7, 9] where (3 ^ 5 ^ 7 ^ 9) = 8.
```

Example 3:

```
Input: n = 1, start = 7
Output: 7
```

Example 4:

```
Input: n = 10, start = 5
Output: 2
```

Constraints:

- `1 <= n <= 1000`
- `0 <= start <= 1000`
- `n == nums.length`

JavaScript ▾

```
1 ▾ /**
2    * @param {number} n
3    * @param {number} start
4    * @return {number}
5    */
6 ▾ var xorOperation = function(n, start) {
7
8   };
```

☐ **Custom Testcase**   (Use Example Testcases)

⏵ Run   ☁ Submit