1913. Make the XOR of All Segments Equal to Zero

Difficulty : Hard

https://leetcode.com/problems/make-the-xor-of-all-segments-equal-to-zero

You are given an array `numsâ€‹â€‹â€‹` and an integer `kâ€‹â€‹â€‹â€‹â€‹â€‹â€‹`. The `XOR` of a segment `[left, right]` where `left <= right` is the `XOR` of all the elements with indices between `left` and `right`, inclusive: `nums[left] XOR nums[left+1] XOR ... XOR nums[right]`.

Return *the minimum number of elements to change in the array* such that the `XOR` of all segments of size `kâ€‹â€‹â€‹â€‹â€‹â€‹â€‹` is equal to zero.

Example 1:

```
Input: nums = [1,2,0,3,0], k = 1
Output: 3
Explanation: Modify the array from [1,2,0,3,0] to from [0,0,0,0,0].
```

Example 2:

```
Input: nums = [3,4,5,2,1,7,3,4,7], k = 3
Output: 3
Explanation: Modify the array from [3,4,5,2,1,7,3,4,7] to [3,4,7,3,4,7,3,4,7].
```

Example 3:

```
Input: nums = [1,2,4,1,2,5,1,2,6], k = 3
Output: 3
Explanation: Modify the array from [1,2,4,1,2,5,1,2,6] to [1,2,3,1,2,3,1,2,3].
```

Constraints:

- `1 <= k <= nums.length <= 2000`
- `â€‹â€‹â€‹â€‹â€‹â€‹â€‹0 <= nums[i] < 2^10`