5405. Count Triplets That Can Form Two Arrays of Equal XOR

ssions (/contest/weekly-contest-188/problems/count-triplets-that-can-form-two-arrays-of-equal-xor/submissions/)

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Given an array of integers `arr`.

We want to select three indices `i`, `j` and `k` where `(0 <= i < j <= k < arr.length)`.

Let's define `a` and `b` as follows:

- `a = arr[i] ^ arr[i + 1] ^ ... ^ arr[j - 1]`
- `b = arr[j] ^ arr[j + 1] ^ ... ^ arr[k]`

Note that **^** denotes the **bitwise-xor** operation.

Return *the number of triplets* (`i`, `j` and `k`) Where `a == b`.

User Accepted:	39
User Tried:	44
Total Accepted:	39
Total Submissions:	46
Difficulty:	Medium

Example 1:

```
Input: arr = [2,3,1,6,7]
Output: 4
Explanation: The triplets are (0,1,2), (0,2,2), (2,3,4) and (2,4,4)
```

Example 2:

```
Input: arr = [1,1,1,1,1]
Output: 10
```

Example 3:

```
Input: arr = [2,3]
Output: 0
```

Example 4:

```
Input: arr = [1,3,5,7,9]
Output: 3
```

Example 5:

```
Input: arr = [7,11,12,9,5,2,7,17,22]
Output: 8
```

Constraints:

- `1 <= arr.length <= 300`
- `1 <= arr[i] <= 10^8`

JavaScript

```
/**
 * @param {number[]} arr
 * @return {number}
 */
var countTriplets = function(arr) {

};
```

Custom Testcase Use Example Testcases

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