6319. Number of Even and Odd Bits

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User Accepted:	6757
User Tried:	7352
Total Accepted:	6824
Total Submissions:	8897
Difficulty:	Easy

You are given a **positive** integer `n`.

Let `even` denote the number of even indices in the binary representation of `n` (**0-indexed**) with value `1`.

Let `odd` denote the number of odd indices in the binary representation of `n` (**0-indexed**) with value `1`.

Return *an integer array* `answer` *where* `answer = [even, odd]`.

Example 1:

```
Input: n = 17
Output: [2,0]
Explanation: The binary representation of 17 is 10001.
It contains 1 on the 0th and 4th indices.
There are 2 even and 0 odd indices.
```

Example 2:

```
Input: n = 2
Output: [0,1]
Explanation: The binary representation of 2 is 10.
It contains 1 on the 1st index.
There are 0 even and 1 odd indices.
```

Constraints:

- `1 <= n <= 1000`

JavaScript

```
const evenOddBit = (n) => {
    let s = n.toString(2), res = [0, 0];
    for (let i = s.length - 1, cur = 0; ~i; i--, cur ^= 1) {
        if (s[i] == '1') {
            cur ? res[1]++ : res[0]++;
        }
    }
    return res;
};
```

Custom Testcase Use Example Testcases

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