3581. Count Odd Letters from Number Premium

Solved

Easy Topics Hint

You are given an integer `n` perform the following steps:

- Convert each digit of `n` into its *lowercase English word* (e.g., 4 → "four", 1 → "one").
- **Concatenate** those words in the **original digit order** to form a string `s`.

Return the number of **distinct** characters in `s` that appear an **odd** number of times.

Example 1:

> **Input:** n = 41
>
> **Output:** 5
>
> **Explanation:**
>
> 41 → `"fourone"`
>
> Characters with odd frequencies: `'f'`, `'u'`, `'r'`, `'n'`, `'e'`. Thus, the answer is 5.

Example 2:

> **Input:** n = 20
>
> **Output:** 5
>
> **Explanation:**
>
> 20 → `"twozero"`
>
> Characters with odd frequencies: `'t'`, `'w'`, `'z'`, `'e'`, `'r'`. Thus, the answer is 5.

Constraints:

- $1 <= n <= 10^9$

Seen this question in a real interview before? 1/5

Yes No

Accepted 439/503 | Acceptance Rate 87.3%

Topics

Hint 1

Discussion (1)