Problem 3663: Find The Least Frequent Digit

Problem Information

Difficulty: Easy
Acceptance Rate: 69.68%
Paid Only: No
Tags: Array, Hash Table, Math, Counting

Problem Description

Given an integer `n`, find the digit that occurs **least** frequently in its decimal representation. If multiple digits have the same frequency, choose the **smallest** digit.

Return the chosen digit as an integer.

The **frequency** of a digit `x` is the number of times it appears in the decimal representation of `n`.

Example 1:

Input: n = 1553322

Output: 1

Explanation:

The least frequent digit in `n` is 1, which appears only once. All other digits appear twice.

Example 2:

Input: n = 723344511

Output: 2

Explanation:

The least frequent digits in `n` are 7, 2, and 5; each appears only once.

Constraints:

* `1 <= n <= 231■■■■■■■■ - 1`

Code Snippets

C++:

```cpp
class Solution {
public:
    int getLeastFrequentDigit(int n) {

    }
};
```

Java:

```java
class Solution {
    public int getLeastFrequentDigit(int n) {

    }
}
```

Python3:

```python
class Solution:
    def getLeastFrequentDigit(self, n: int) -> int:
```