Problem List

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3032. Count Numbers With Unique Digits II

Premium

Solved

Easy Topics Companies Hint

Given two **positive** integers `a` and `b`, return *the count of numbers having* ***unique*** *digits in the range* `[a, b]` (***inclusive***).

Example 1:

```
Input: a = 1, b = 20
Output: 19
Explanation: All the numbers in the range [1, 20] have unique digits except 11. Hence, the answer is 19.
```

Example 2:

```
Input: a = 9, b = 19
Output: 10
Explanation: All the numbers in the range [9, 19] have unique digits except 11. Hence, the answer is 10.
```

Example 3:

```
Input: a = 80, b = 120
Output: 27
Explanation: There are 41 numbers in the range [80, 120], 27 of which have unique digits.
```

Constraints:

- `1 <= a <= b <= 1000`

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

Yes No

Accepted 2.4K | Submissions 2.7K | Acceptance Rate 87.2%

Topics

Companies

Hint 1

Similar Questions

Discussion (3)

16 3

Code

Python3 • Auto

```python
class Solution:
    def numberCount(self, a: int, b: int) -> int:

        count = 0

        for i in range(a, b+1):
            if len(str(i)) == len(set(str(i))):
                count += 1

        return count
```

Saved

Ln 10, Col 21

Testcase | Test Result

Accepted Runtime: 42 ms

Case 1 Case 2 Case 3

Input

a =
1

b =
20

Output

19

Expected