

Problem 248: Strobogrammatic Number III

Problem Information

Difficulty: Hard

Acceptance Rate: 42.59%

Paid Only: Yes

Tags: Array, String, Recursion

Problem Description

Given two strings `low` and `high` that represent two integers `'low'` and `'high'` where `'low' <= high'`, return _the number of**strobogrammatic numbers** in the range_ `'[low, high]'.`

A **strobogrammatic number** is a number that looks the same when rotated `'180'` degrees (looked at upside down).

Example 1:

Input: `low = "50"`, `high = "100"` **Output:** 3

Example 2:

Input: `low = "0"`, `high = "0"` **Output:** 1

Constraints:

* `'1 <= low.length, high.length <= 15'` * `'low'` and `'high'` consist of only digits. * `'low <= high'` * `'low'` and `'high'` do not contain any leading zeros except for zero itself.

Code Snippets

C++:

```
class Solution {  
public:
```

```
int strobogrammaticInRange(string low, string high) {  
}  
};
```

Java:

```
class Solution {  
public int strobogrammaticInRange(String low, String high) {  
}  
}  
}
```

Python3:

```
class Solution:  
    def strobogrammaticInRange(self, low: str, high: str) -> int:
```