

# 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:
```