1067. Digit Count in Range

Hard 32 9 Add to List Share

Given an integer `d` between `0` and `9`, and two positive integers `low` and `high` as lower and upper bounds, respectively. Return the number of times that `d` occurs as a digit in all integers between `low` and `high`, including the bounds `low` and `high`.

Example 1:

```
Input: d = 1, low = 1, high = 13
Output: 6
Explanation:
The digit d=1 occurs 6 times in 1,10,11,12,13. Note that the digit d=1 occurs twice in the number 11.
```

Example 2:

```
Input: d = 3, low = 100, high = 250
Output: 35
Explanation:
The digit d=3 occurs 35 times in 103,113,123,130,131,...,238,239,243.
```

Note:

1. `0 <= d <= 9`
2. `1 <= low <= high <= 2×10^8`

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```python
class Solution(object):
    def digitsCount(self, d, low, high):
        """
        :type d: int
        :type low: int
        :type high: int
        :rtype: int
        """

```