

# 1067. Digit Count in Range

## Description

Given a single-digit integer `d` and two integers `low` and `high`, return *the number of times that `d` occurs as a digit in all integers in the inclusive range `[low, 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.

### Constraints:

- $0 \leq d \leq 9$
- $1 \leq \text{low} \leq \text{high} \leq 2 * 10^8$

