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## Uniform Integers

Level 1

Time limit: 5s

Not started

A positive integer is considered *uniform* if all of its digits are equal. For example, 222 is uniform, while 223 is not.

Given two positive integers  $A$  and  $B$ , determine the number of uniform integers between  $A$  and  $B$ , inclusive.

*Please take care to write a solution which runs within the time limit.*

### Constraints

$$1 \leq A \leq B \leq 10^{12}$$

### Sample test case #1

A = 75  
B = 300

Expected Return Value = 5

### Sample test case #2

A = 1  
B = 9

Expected Return Value = 9

### Sample test case #3

A = 999999999999  
B = 999999999999

Expected Return Value = 1

### Sample Explanation

In the first case, the uniform integers between 75 and 300 are 77, 88, 99, 111, and 222.

In the second case, all 9 single-digit integers between 1 and 9 (inclusive) are uniform.

In the third case, the single integer under consideration (999,999,999,999) is uniform.

**The code editor for solving puzzles is only available on wider screens.**

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