

## 3792 Barbara Bennett's Wild Numbers

A *wild number* is a string containing digits and question marks (like 36?1?8). A number  $X$  matches a wild number  $W$  if they have the same length, and every non-question mark character in  $X$  is equal to the character in the same position in  $W$  (it means that you can replace a question mark with any digit).

For example, 365198 matches the wild number 36?1?8, but 360199, 361028, or 36128 does not. Write a program that reads a wild number  $W$  and a number  $X$  from input, both of length  $n$ , and determines the number of  $n$ -digit numbers that match  $W$  and are greater than  $X$ .

### Input

There are multiple test cases in the input. Each test case consists of two lines of the same length. The first line contains a wild number  $W$ , and the second line contains an integer number  $X$ . The length of input lines is between 1 and 10 characters. The last line of input contains a single character '#'.

### Output

For each test case, write a single line containing the number of  $n$ -digit numbers matching  $W$  and greater than  $X$  ( $n$  is the length of  $W$  and  $X$ ).

### Sample Input

```
36?1?8
236428
8?3
910
?
5
#
```

### Sample Output

```
100
0
4
```