Problem J
Subsequences in Substrings

You are given two strings s, and t. Count the number of substrings of s that contain t as a subsequence at least once.

Note that a *substring* and a *subsequence* both consist of characters from the original string, in order. In a *substring*, the characters must be contiguous in the original string, but in a *subsequence*, they are not required to be contiguous. In the string **abcde**, **ace** is a *subsequence* but not a *substring*.

If s is **aa** and t is **a**, then the answer is 3: **[a]a**, **[aa]**, and **a[a]**.

Input

Each test case will consist of exactly two lines.

The first line will contain string s ($1 \leq |s| \leq 10^5, s \in [a-z]^*$), with no other characters.

The second line will contain string t ($1 \leq |t| \leq 100, |t| \leq |s|, t \in [a-z]^*$), with no other characters.

Output

Output a single integer, which is the number of substrings of s that contain t as a subsequence at least once.

Sample Input 1	Sample Output 1
abcdefghijklmnopqrstuvwxyz a	26

Sample Input 2	Sample Output 2
abcdefghijklmnopqrstuvwxyz m	182

Sample Input 3	Sample Output 3
penpineappleapplepen ppap	68