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## Problem A. Mediocre String Problem

Input file:            **standard input**  
Output file:           **standard output**  
Time limit:            **1 second**  
Memory limit:         **1024 megabytes**

Given two strings  $s$  and  $t$ , count the number of tuples  $(i, j, k)$  such that

1.  $1 \leq i \leq j \leq |s|$
2.  $1 \leq k \leq |t|$ .
3.  $j - i + 1 > k$ .
4. The  $i$ -th character of  $s$  to the  $j$ -th character of  $s$ , concatenated with the first character of  $t$  to the  $k$ -th character of  $t$ , is a palindrome.

A palindrome is a string which reads the same backward as forward, such as “abcba” or “xyzzyx”.

### Input

The first line is the string  $s$  ( $2 \leq |s| \leq 10^6$ ). The second line is the string  $t$  ( $1 \leq |t| < |s|$ ). Both  $s$  and  $t$  contain only lower case Latin letters.

### Output

The number of such tuples.

### Examples

standard input	standard output
ababa aba	5
aabbaa aabb	7