# REMOVING CHARACTERS

Given a string S and a pattern P . Delete some characters in the text to form the maximum consecutive pattern strings. What is the maximum number of pattern strings can be created?

## Input

The first line is the string S ($0 \leq |S| \leq 10^5$)

The second line is the string P ($0 \leq |P| \leq 10^5$).

Both strings contain only lowercase characters.

## Output

A single number which is the maximum number of patterns can be created

## Sample

| Input | Output |
|---|---|
| abcdbacdb<br><br>acb | 2 |