E. **Counting**

Author: *Shahril*

Give a statement, count how many time the word occurrences inside the string.

Input

The first line contains S, an English statement.
The next line contains $T\ (1 \leq T \leq 100)$, the amount of test case(s).
The following T lines a word that you need to find the occurrences.

Output
Output the number word occurrences inside the string.

Sample Input	Sample Output
hello hello abc hi ais kacang hi 3 hello hi kacang	2 2 1