# Word Cruncher

Write a program that receives some **strings** and **forms another** string that is required. On the **first line** you will be given **all of the strings** separated by **comma and space**. On the next line you will be given the **string** that needs to be **formed from the given strings**. For more clarification see the examples below.

### Input

* On the first line you will receive the **strings** (separated by comma and space **", "**)
* On the next line you will receive the **target string**

### Output

* Print each of the found ways to form the required string as shown in the examples

### Constrains

* There might be **repeating elements** in the input

### Examples

|  |  |
| --- | --- |
| **Input** | **Output** |
| text, me, so, do, m, ran  somerandomtext | so me ran do m text |
| this, th, is, Word, cruncher, cr, h, unch, c, r, un, ch, er  Wordcruncher | Word c r un ch er  Word c r unch er  Word cr un c h er  Word cr un ch er  Word cr unch er  Word cruncher |