Crossword Puzzle



A 10×10 Crossword grid is provided to you, along with a set of words (or names of places) which need to be filled into the grid. Cells are marked either + or -. Cells marked with a - are to be filled with the word list.

The following shows an example crossword from the input crossword grid and the list of words to fit, words = [POLAND, LHASA, SPAIN, INDIA]:

```
Input
                       Output
+++++++++
                      +++++++++
+----+++
                      +POLAND+++
+++-+++++
                      +++H+++++
                      +++A+++++
+++-+++++
+++---++
                      +++SPAIN++
+++-++++
+++++++++
                      +++++I++
                      +++++A+++
+++++++++
                      +++++++++
POLAND; LHASA; SPAIN; INDIA
```

Function Description

Complete the *crosswordPuzzle* function in the editor below. It should return an array of strings, each representing a row of the finished puzzle.

crosswordPuzzle has the following parameter(s):

- ullet crossword: an array of 10 strings of length 10 representing the empty grid
- ullet words: a string consisting of semicolon delimited strings to fit into crossword

Input Format

Each of the first 10 lines represents crossword[i], each of which has 10 characters, crossword[i][j].

The last line contains a string consisting of semicolon delimited words[i] to fit.

Constraints

```
1 \leq |words| \leq 10 \ crossword[i][j] \in \{+, -\} \ words[i][j] \in ascii[A-Z]
```

Output Format

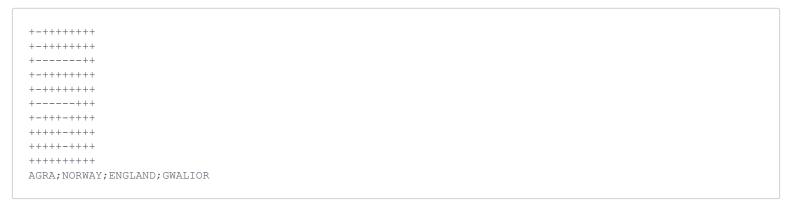
Position the words appropriately in the 10 imes 10 grid, then return your array of strings for printing.

Sample Input 0

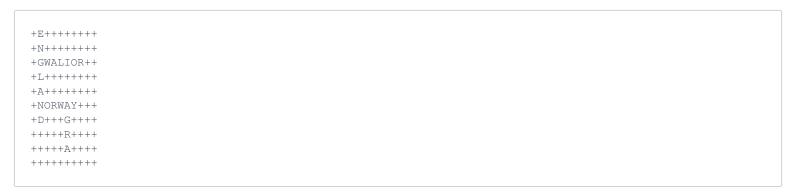
+-+++++	
+-+++++	
+-+++++	
++++	
+-+++	
+-+++	
+++++	
++++	
+++++	
+++++	
LONDON; DELHI; ICELAND; ANKARA	

Sample Output 0

Sample Input 1



Sample Output 1



Sample Input 2

++++++++		
++++		
+++++++++		
++++++++		
++++		
+++++-+-+		

Sample Output 2

