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++
+++-++-+++         +++A++N+++
++++++-+++         ++++++D+++
++++++-+++         ++++++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):

- *crossword*: an array of 10 strings of length 10 representing the empty grid
- *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**$[i][j]$.

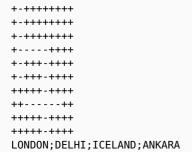The last line contains a string consisting of semicolon delimited **words**$[i]$ to fit.

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 10×10 grid, then return your array of strings for printing.

Sample Input 0

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

Sample Output 0

```
+L++++++++
+O++++++++
+N++++++++
+DELHI++++
+O+++C++++
```

```
+N+++E++++
+++++L++++
++ANKARA++
+++++N++++
+++++D++++
```

Sample Input 1

```
+-++++++++
+-++++++++
+-------++
+-++++++++
+-++++++++
+------+++
+-+++-++++
+++++-++++
+++++-++++
++++++++++
AGRA;NORWAY;ENGLAND;GWALIOR
```

Sample Output 1

```
+E++++++++
+N++++++++
+GWALIOR++
+L++++++++
+A++++++++
+NORWAY+++
+D+++G++++
+++++R++++
+++++A++++
++++++++++
```

Sample Input 2

```
XXXXXX-XXX
XX------XX
XXXXXX-XXX
XXXXXX-XXX
XXX------X
XXXXXX-X-X
XXXXXX-X-X
XXXXXXXX-X
XXXXXXXX-X
XXXXXXXX-X
ICELAND;MEXICO;PANAMA;ALMATY
```

Sample Output 2

```
XXXXXXIXXX
XXMEXICOXX
XXXXXXEXXX
XXXXXXLXXX
XXXPANAMAX
XXXXXXNXLX
XXXXXXDXMX
XXXXXXXXAX
XXXXXXXXTX
XXXXXXXXYX
```