

Crosswords-101



A 10x10 Crossword grid is provided to you, along with a set of words (or names of places) which need to be filled into the grid. The cells in the grid are initially, either '+' signs or '-' signs. Cells marked with a '+' have to be left as they are. Cells marked with a '-' need to be filled up with an appropriate character.

Input Format

10 lines, each with 10 characters (which will be either + or - signs). After this follows a set of words (typically nouns and names of places), separated by semi-colons (;).

Constraints

There will be no more than ten words. Words will only be composed of upper-case A-Z characters. There will be no punctuation (hyphen, dot, etc.) in the words.

Output Format

Position the words appropriately in the 10x10 grid, and then display the 10x10 grid as the output. So, your output will consist of 10 lines with 10 characters each.

Sample Input 1

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

Sample Output 1

```
+L+++++++
+O+++++++
+N+++++++
+DELHI+++
+O+++C+++
+N+++E+++
+++++L++++
++ANKARA++
+++++N++++
+++++D++++
```

Sample Input 2

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

Sample Output 2

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

