

# Crosswords-101



A  $10 \times 10$  Crossword grid is provided to you, along with a set of words (or names of places) which need to be filled into the grid.

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

The input contains **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  $10 \times 10$  grid, and then display the  $10 \times 10$  grid as the output. So, your output will consist of **10** lines with **10** characters each.

## 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++++  
+++++-----