



# Crossword Puzzle



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Problem

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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.

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 × 10** grid, and then display the **10 × 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++++
+++++-----

```

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Submissions: [1151](#)

Max Score: 30

Difficulty: Medium

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☆☆☆☆☆

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Current Buffer (saved locally, editable)
Java 7

```

1 import java.io.*;
2 import java.util.*;
3 import java.text.*;
4 import java.math.*;
5 import java.util.regex.*;
6
7 public class Solution {
8
9     public static void main(String[] args) {
10         /* Enter your code here. Read input from STDIN. Print output to STDOUT. Your class should be named Solution. */
11     }
12 }

```

Line: 1 Col: 1

[Upload Code as File](#) ☐ Test against custom input

Run Code

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