# Problem 12 – Phone Numbers

You are given a string, holding ASCII characters. Find all **name -> phone number** pairs, format them and print them in an **ordered list** as list items.

The **name** should be at least **one letter long, can contain only letters** and should **always start with an uppercase letter**.

The **phone number** should be at least **two digits long**, **should start and end with a digit** (**optionally**, there might be a **"+" in front)** and might **contain** the following symbols in it: **"(", ")", "/", ".", "-", " "** (left and right bracket, slash, dot, dash and whitespace).

Between a name and the phone number there might be **any number of symbols, other than letters and "+"**.

Between the name -> phone number pairs there might be **any number of ASCII symbols**.

The output format should be **[name]: [phone number]** (there is **one space between** the name and the phone number). Clear any characters other than digits and "+" from the number when printing the output.

## Input

The input will be read from the console. It will consist of several lines holding the input string. The command "**END**" denotes the end of input.

## Output

The output should hold the **resulting ordered list (on a single line)**, or a single **paragraph,** holding "**No matches!**"

## Constraints

- The **numbers string** will hold only **ASCII** characters (no Unicode).
- Allowed working time: 0.1 seconds. Allowed memory: 16 MB.

## Examples

| Input |
|---|
| **Angel$(*^#029661234!@#Pesho ,.' +3592/9653241;'":{},.**<br>**Ivan 0888 123 456 John-=_555.123.4567** Stoian!@#$#@ Gosho )=_* **Steven**<br>**#$(*&+1-(800)-555-2468**<br>END |
| **Output (li items are separated on new lines for convenience)** |
| <ol><li>Angel: 029661234</li><br><li>Pesho: +35929653241</li><br><li>Ivan: 0888123456</li><br><li>John: 5551234567</li><br><li>Steven: +18005552468</li></ol> |

| Input |
|---|
| There are no phone numbers here!!!<br>END |
| **Output** |
| No matches! |