## Rearranging the input (2)                                       X75807_en

Write RECURSIVE function:

```
void signos_letras();
```

such that given in the input a sequence of characters, it prints the very same characters but reordered: first the characters that are not letters (in the order in which they appeared) and then the letters (in reverse order to which they appeared in the input).
You must use the following code to test your function:

```
// Pre: c is a character
// Post: returns true if c is a letter, false otherwise
bool es_letra(char c) {
    return ('a' <= c and c <= 'z') or ('A' <= c and c <= 'Z');
}

// Pre: a sequence of characters in the input
// Post: it prints the very same input characters but reordered.
//       First those that are not letters (in the same order in which
//       they appeared) and then the letters (in reverse order)
void signos_letras() {
    // your code here
}

int main() {
    signos_letras();
    cout << endl;
}
```

**Exam score:** 3.000000 **Automatic part:** 50.000000%

### Input

The input is a sequence of characters. The sequence can be empty.

### Output

First, the non letter characters in the same order as they appear in the input and then the letters in reverse order.

| Sample input 1 | Sample output 1 |
|---|---|
| _?se-pa-r.ando, | _?--.,odnarapes |

| Sample input 2 | Sample output 2 |
|---|---|
| se_,par;a:n+do | _,;:+odnarapes |

| Sample input 3 | Sample output 3 |
| --- | --- |

## Observation

A non-recursive implementation of the function will invalidate the exercise.

## Problem information

Author : Pro1
Generation : 2019-11-14 14:09:46