# Playing With Characters



## **Objective**

This challenge will help you to learn how to take a character, a string and a sentence as input in C.

To take a single character ch as input, you can use scanf("%c", &ch); and printf("%c", ch) writes a character specified by the argument char to stdout

```
char ch;
scanf("%c", &ch);
printf("%c", ch);
```

This piece of code prints the character ch.

You can take a string as input in C using scanf("%s", s). But, it accepts string only until it finds the first space.

In order to take a line as input, you can use  $scanf("%[^\n]\%*c", s)$ ; where s is defined as scanses is the maximum size of s. Here, [] is the scanses character. n stands for taking input until a newline isn't encountered. Then, with this n it reads the newline character and here, the used n indicates that this newline character is discarded.

#### **Task**

You have to print the character "C" in the first line. Then print "Language" in next line. In the last line print "Welcome To C!!".

# **Input Format**

First, take a character,  $\it ch$  as input. Then take the string,  $\it str$  as input.

Lastly, take the sentence sen as input.

# **Output Format**

Print three lines of output. The first line prints the character, *ch*.

The second line prints the string, *str*.

The third line prints the sentence, sen.

#### Sample Input 0

```
C
Language
Welcome To C!!
```

#### Sample Output 0

```
C
Language
Welcome To C!!
```