**C - Input and Output(revisited)**

C Output

In C programming, **printf()** is one of the main output function. The function sends formatted output to the screen.

Example:

*#include <stdio.h>*

*int main()*

*{*

*// Displays the string inside quotations*

*printf("C Programming");*

*return 0;*

*}*

C Input

In C programming, scanf() is one of the commonly used function to take input from the user. The scanf() function reads formatted input from the standard input such as keyboards.

Example:

*#include <stdio.h>*

*int main()*

*{*

*int testInteger;*

*printf("Enter an integer: ");*

*scanf("%d", &testInteger);*

*printf("Number = %d",testInteger);*

*return 0;*

*}*

**Format Specifiers for I/O**

%d for int

%f for float

%lf for double

%c for char

%s for string(text)

Example for text input/output:

*#include <stdio.h>*

*int main( ) {*

*char str[100];*

*printf( "Enter text:");*

*scanf("%s", str);*

*printf( "\nYou entered: %s %d ", str);*

*return 0;*

*}*

**Exercise 1:** **1.1** Write a program to read from the console an integer, float and double. Sum them and print the result.

**1.2** Read the numbers using only one scanf().

**Note:** Look for the correct format specifier!!!

**Exercise 2:** Write a program to read the user’s name from the console and then print it.

**Exercise 3**: **3.1** Write a program to read two numbers from the console increment them and print the incremented values.

**3.2** Do it with postincrement and preincrement(a++ and ++a);

**Exercise 4**: Write a program to read two numbers from the console and divide them.

Print both the result and the reminder.