Open terminal and write the following at the prompt. To open a Text editor using gedit, use the following commands

$gedit <filename.c>

Check for gcc compiler using following command

$gcc -v

In case there is no gcc compiler, you can install it using the following commands.

$sudo apt-get update

$sudo apt-get install gcc

Example 1

First C program Hello World

You should create a directory and store to store your C programs in this directory. A sample is included here for your understanding.

$mkdir C\_Programs

$cd C\_Programs

$gedit helloworld.c

//you can write the following code in the file

#include <stdio.h>

int main() {

printf("Hello, World");

return 0;

}

Save and compile.

$gcc -o hello.exe helloworld.c

Execute the program.

$./hello.exe

Sample 2

Program to fnd sum of 2 numbers

#include<stdio.h>

int main(){

int x=0,y=0,result=0;

printf("enter first number:");

scanf("%d",&x);

printf("enter second number:");

scanf("%d",&y);

result=x+y;

printf("sum of 2 numbers:%d ",result);

return 0;

}

Some Points to Note about the C program

* + 1. #include <stdio.h> includes the standard input output library functions. The print() function is defined in stdio.h fle.
    2. int main() - The main() function is the entry point of every program in c language.
    3. print() - The print() function is used to print data on the console.
    4. return 0 - The return 0 statement, returns execution status to the OS. The 0 value is used for successful execution of the program