# Print Hello World



Use the GCC compiler to compile the source code and print the HelloWorld string in the terminal.

## 1. Create new folders and files

```
mkdir Demo
cd Demo/
nano HelloWorld.c
```

## 2. Write source code

Add the following code to the newly created HelloWorld.c file:

```
// This is the first program

#include <stdio.h>

int main(void)
{
printf("Hello World!\n");

return 0;
}
```

Hold down Ctrl+X, enter Y, then press Enter to save and exit!

## 3. Compile source code

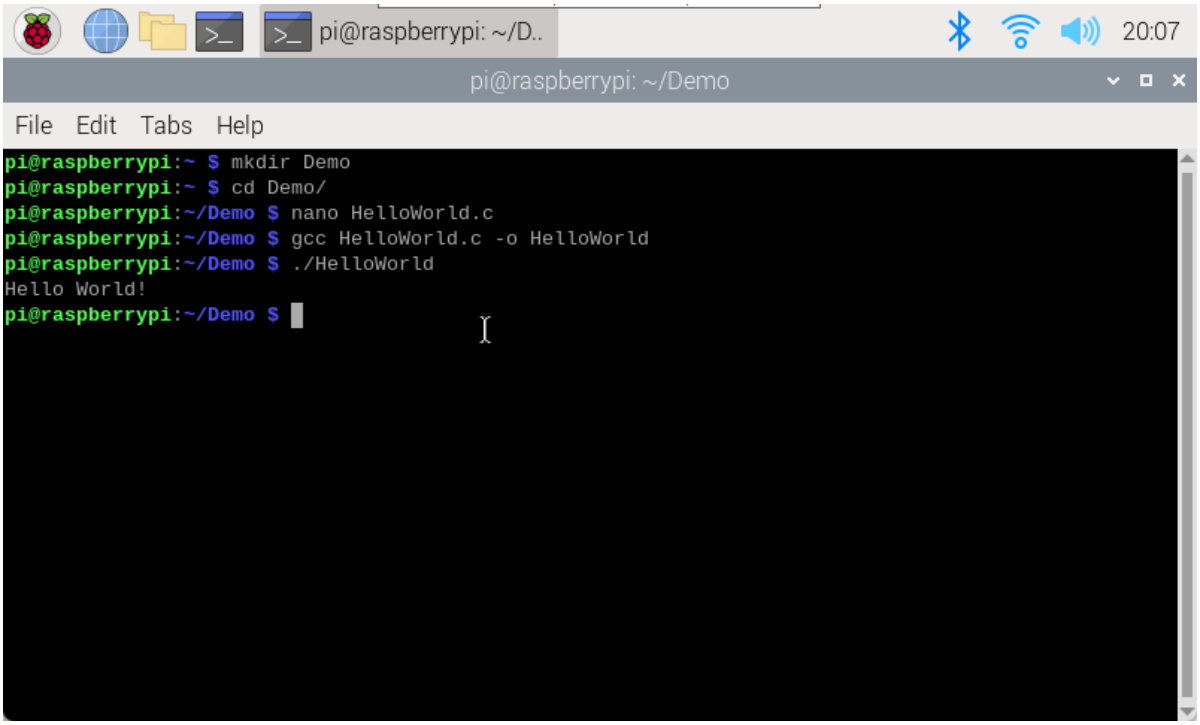
Compile HelloWorld.c using GCC and name the resulting executable HelloWorld:

```
gcc HelloWorld.c -o HelloWorld
```

## 4. Run the executable file

```
./HelloWorld
```

The above are the steps to write, compile source code and generate executable files!


pi@raspberrypi: ~/D..
20:07
pi@raspberrypi: ~/Demo
File Edit Tabs Help
pi@raspberrypi:~ $ mkdir Demo
pi@raspberrypi:~ $ cd Demo/
pi@raspberrypi:~/Demo $ nano HelloWorld.c
pi@raspberrypi:~/Demo $ gcc HelloWorld.c -o HelloWorld
pi@raspberrypi:~/Demo $ ./HelloWorld
Hello World!
pi@raspberrypi:~/Demo $