Step 1:Create a file to store the project
mkdir C

Step 2:Enter this folder
cd C/

Step 3:Create and open helloworld.c file.
nano helloworld.c

Step 4: Writing code

```
#include<stdio.h>
int main()
{
        printf("Hello World!\n");
        while(1)
        {

        }
        return 0;
}
```

After writing, press Ctrl + X to exit this file.
The system will prompt you whether you need to save, press Y to save and exit.

Step 5: Compile this .c file.
gcc helloworld.c -o helloworld -lwiringPi

Step 6: Run this code
./helloworld
As shown below.

```
pi@raspberrypi:~/work/example/C $ gcc helloworld.c -o helloworld -lwiringPi
pi@raspberrypi:~/work/example/C $ ./helloworld
Hello World!
```

As can be seen from the above figure, after running the program, the Raspberry Pi command terminal will successfully printed out "Hello World!".