

```
1  /* file: main.c */
2  /* Author - Onisokien Ayonoadu
3           Priscilla Chua, Mar 10 2020 */
4
5
6  #include "stm32f10x.h"
7  #include "clocks.h"
8  #include "PWM.h"
9  #include "GPIO.h"
10 #include "IR_Sensor.h"
11 #include "LCDlab.h"
12
13 int main()
14 {
15     clockInit();
16     PWM_clocks();
17     Timer4_PWM();
18
19     LCD_IO_INIT();
20     LCD_INIT();
21
22     ledInits();
23
24     while(1)
25     {
26         lineFollowing();
27     }
28
29 }
```