

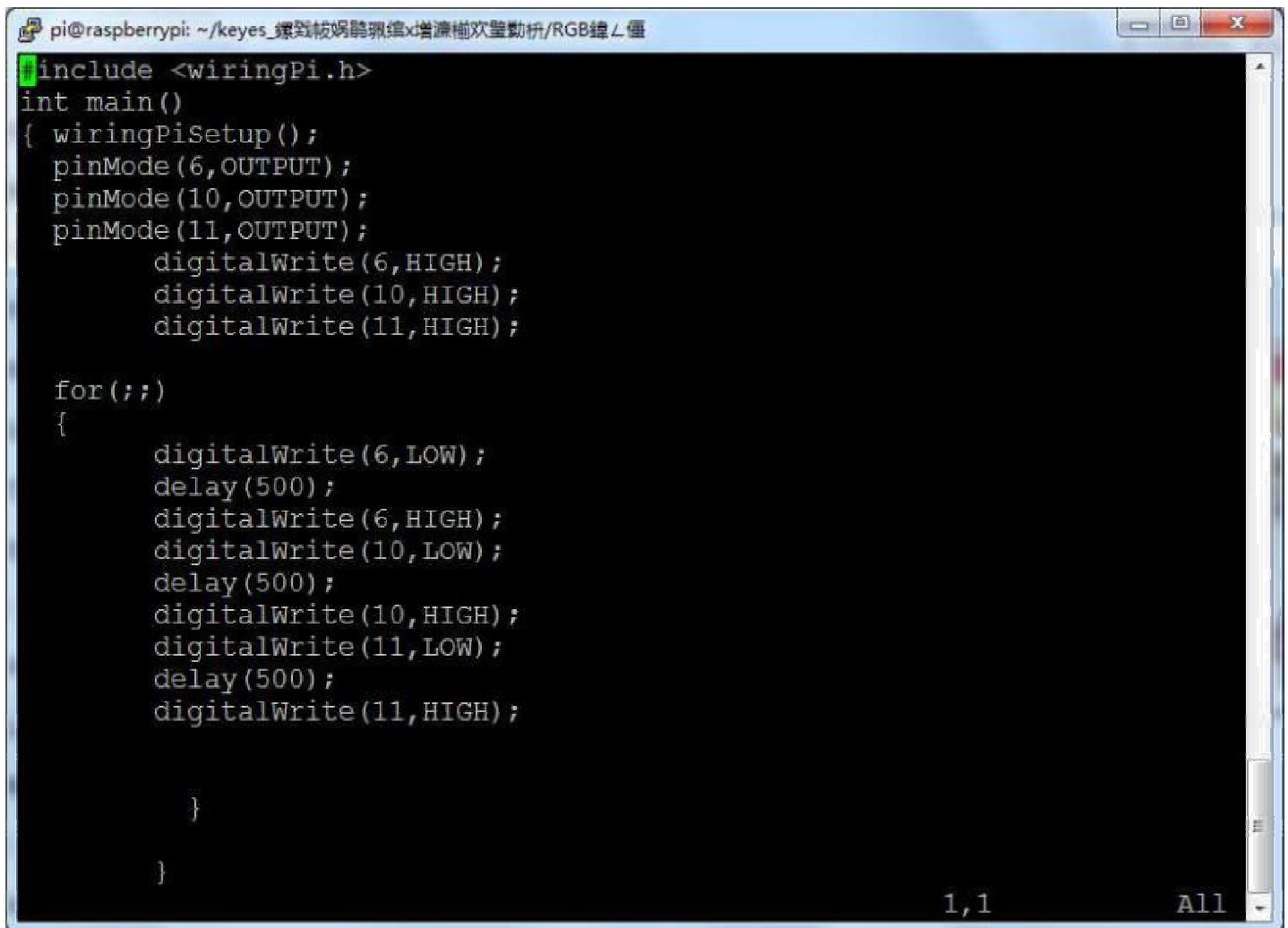


5 RGB LED

1 Project process:

```
pi@raspberrypi: ~/keyes_树莓派高级版套件资料/RGB全彩 $ ls
Makefile  RGB.c
pi@raspberrypi: ~/keyes_树莓派高级版套件资料/RGB全彩 $ vi RGB.c
pi@raspberrypi: ~/keyes_树莓派高级版套件资料/RGB全彩 $ ls
Makefile  RGB.c
pi@raspberrypi: ~/keyes_树莓派高级版套件资料/RGB全彩 $ make
cc      -c -o RGB.o RGB.c
gcc RGB.c -o RGB -lwiringPi
pi@raspberrypi: ~/keyes_树莓派高级版套件资料/RGB全彩 $ ls
Makefile  RGB  RGB.c  RGB.o
pi@raspberrypi: ~/keyes_树莓派高级版套件资料/RGB全彩 $ sudo ./RGB
^Cpi@raspberrypi: ~/keyes_树莓派高级版套件资料/RGB全彩 $
```

1 Project source code:



```
pi@raspberrypi: ~/keyes_...x...RGB...  
#include <wiringPi.h>  
int main()  
{ wiringPiSetup();  
  pinMode(6,OUTPUT);  
  pinMode(10,OUTPUT);  
  pinMode(11,OUTPUT);  
  digitalWrite(6,HIGH);  
  digitalWrite(10,HIGH);  
  digitalWrite(11,HIGH);  
  
  for(;;)  
  {  
    digitalWrite(6,LOW);  
    delay(500);  
    digitalWrite(6,HIGH);  
    digitalWrite(10,LOW);  
    delay(500);  
    digitalWrite(10,HIGH);  
    digitalWrite(11,LOW);  
    delay(500);  
    digitalWrite(11,HIGH);  
  
  }  
}
```

1,1 All

3 Project result & circuit connection:

