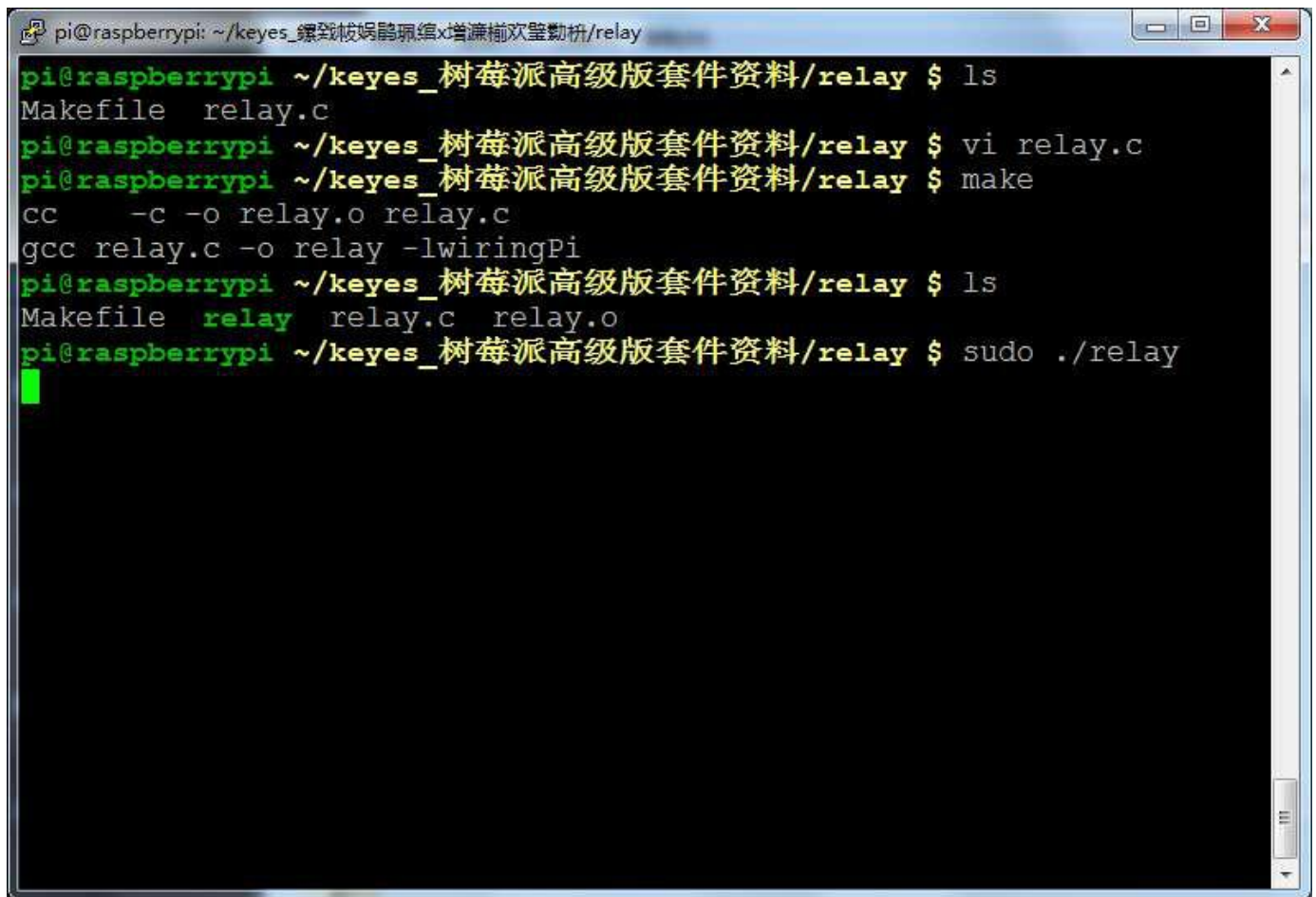


11 Relay module

1 Project process:

A terminal window on a Raspberry Pi showing the steps to compile and run a relay module program. The window title is 'pi@raspberrypi: ~/keyes_树莓派高级版套件资料/relay'. The commands and output are as follows:

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

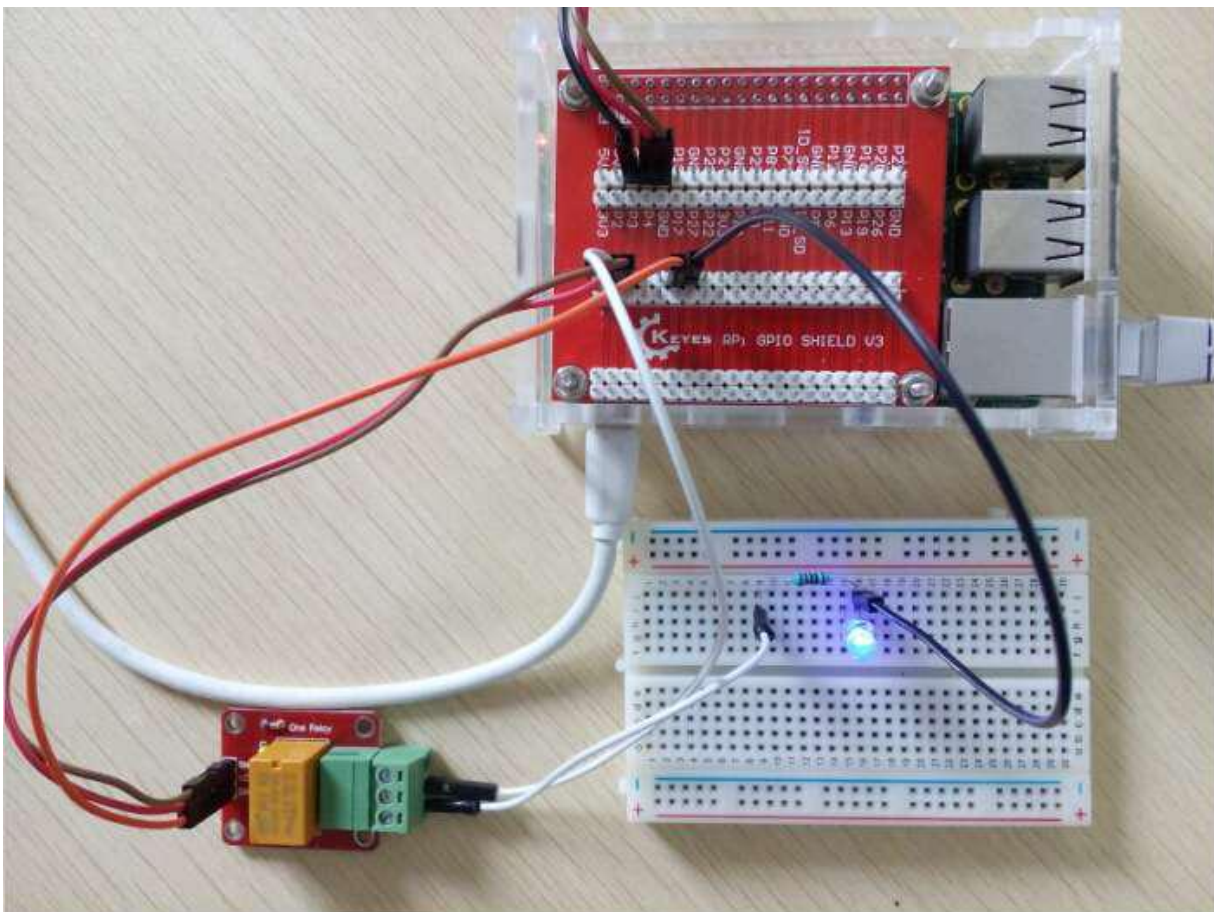
2 Project source code:

```
pi@raspberrypi: ~/keyes_继电器控制模块x增强模块驱动板/relay
#include <wiringPi.h>
int main()
{ wiringPiSetup();
  pinMode(1, OUTPUT);

  for(;;)
  {
    digitalWrite(1, LOW);
    delay(1000);
    digitalWrite(1, HIGH);
    delay(1000);
  }
}
```

1,1 All

3 Project circuit connection:



Connection diagram

GND-----GND
VCC-----5V
■ DAT-----1

~
~
~