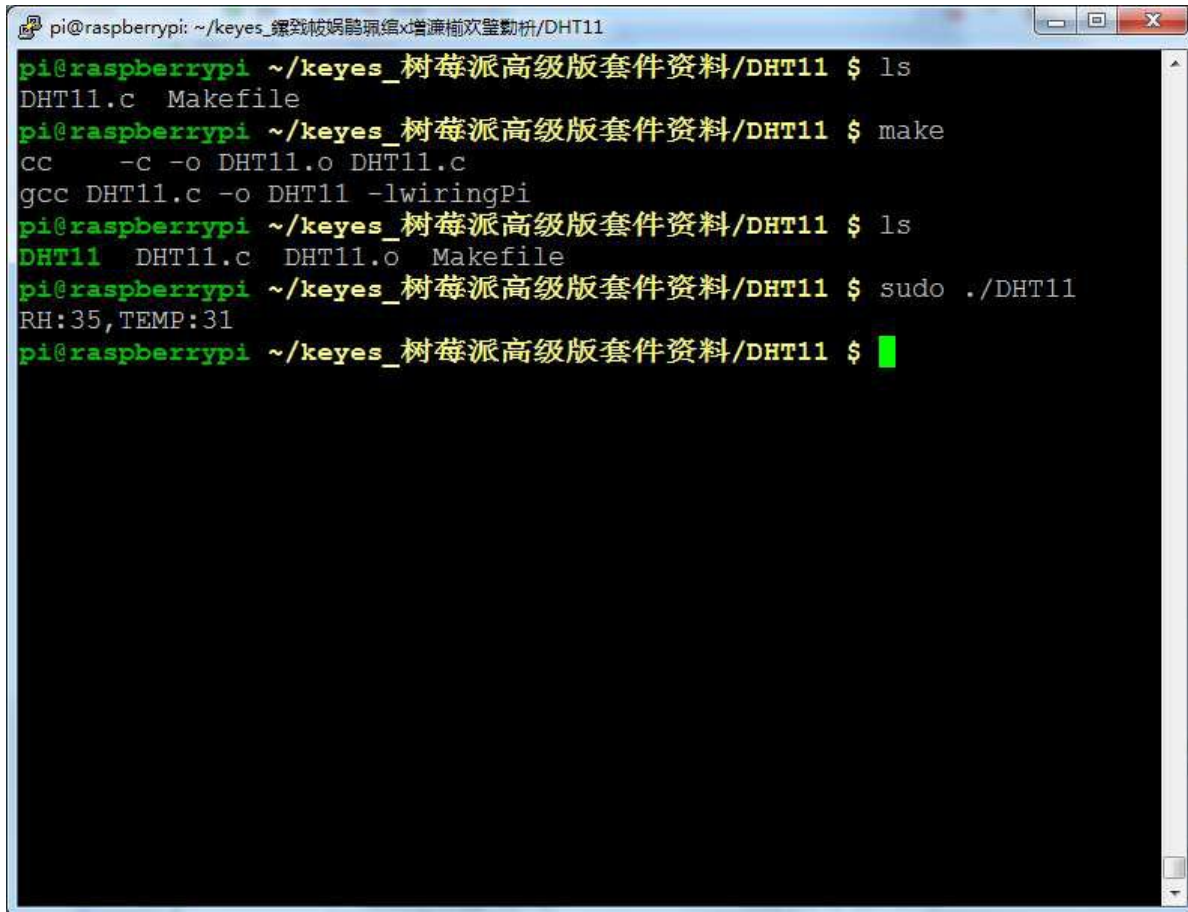




19 DHT11 temperature and humidity module

1 Project process:

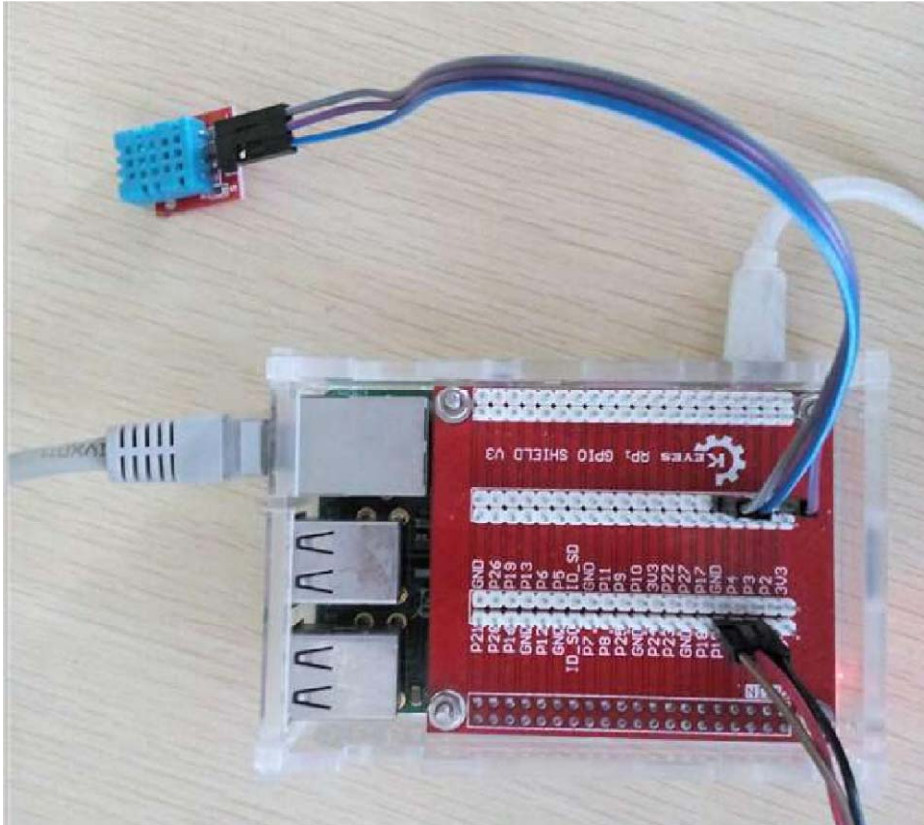


```
pi@raspberrypi: ~/keyes_树莓派高级版套件资料/DHT11
pi@raspberrypi ~/keyes_树莓派高级版套件资料/DHT11 $ ls
DHT11.c  Makefile
pi@raspberrypi ~/keyes_树莓派高级版套件资料/DHT11 $ make
cc -c -o DHT11.o DHT11.c
gcc DHT11.c -o DHT11 -lwiringPi
pi@raspberrypi ~/keyes_树莓派高级版套件资料/DHT11 $ ls
DHT11  DHT11.c  DHT11.o  Makefile
pi@raspberrypi ~/keyes_树莓派高级版套件资料/DHT11 $ sudo ./DHT11
RH:35,TEMP:31
pi@raspberrypi ~/keyes_树莓派高级版套件资料/DHT11 $
```

2 Project source code:

Connection diagram

VCC-----3.3V
GND-----GND
S-----7



4 Result

```
pi@raspberrypi: ~/keyes_树莓派高级版套件资料/DHT11 $ sudo ./DHT11
RH:35,TEMP:31
pi@raspberrypi: ~/keyes_树莓派高级版套件资料/DHT11 $ sudo ./DHT11
RH:35,TEMP:31
pi@raspberrypi: ~/keyes_树莓派高级版套件资料/DHT11 $ sudo ./DHT11
RH:35,TEMP:31
pi@raspberrypi: ~/keyes_树莓派高级版套件资料/DHT11 $ sudo ./DHT11
RH:35,TEMP:31
pi@raspberrypi: ~/keyes_树莓派高级版套件资料/DHT11 $
```