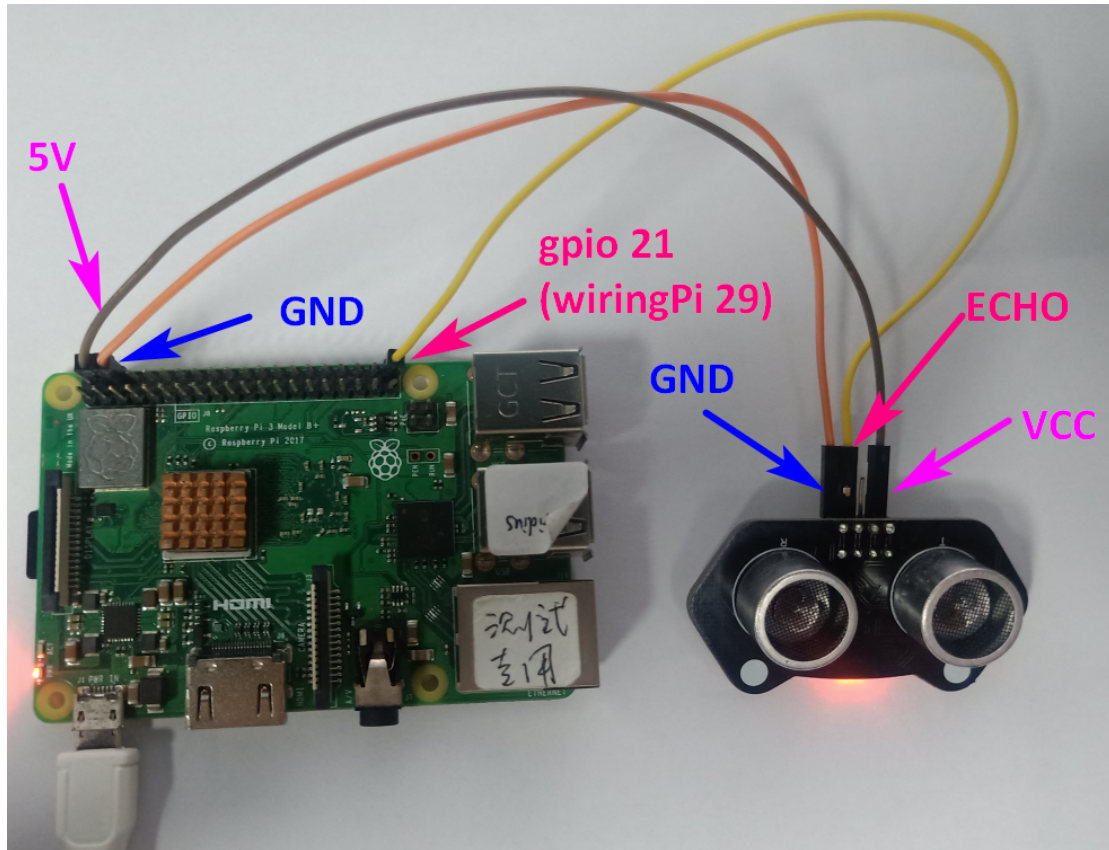


Wiring:

Pi	module
5v	VCC
GND	GND
GPIO 21	ECHO

As shown below:

**Experimental phenomena:**

We need to compile this code and run it, we will see that distance detected by the ultrasonic module will be printed.

```
pi@raspberrypi:~/mytest $ sudo gcc ultrasonic_ranging_1.c -o ultrasonic_ranging_1 -lwiringPi
pi@raspberrypi:~/mytest $ ./ultrasonic_ranging
distance:35.000000
distance:34.000000
distance:30.000000
distance:325.000000
```