

Line follower

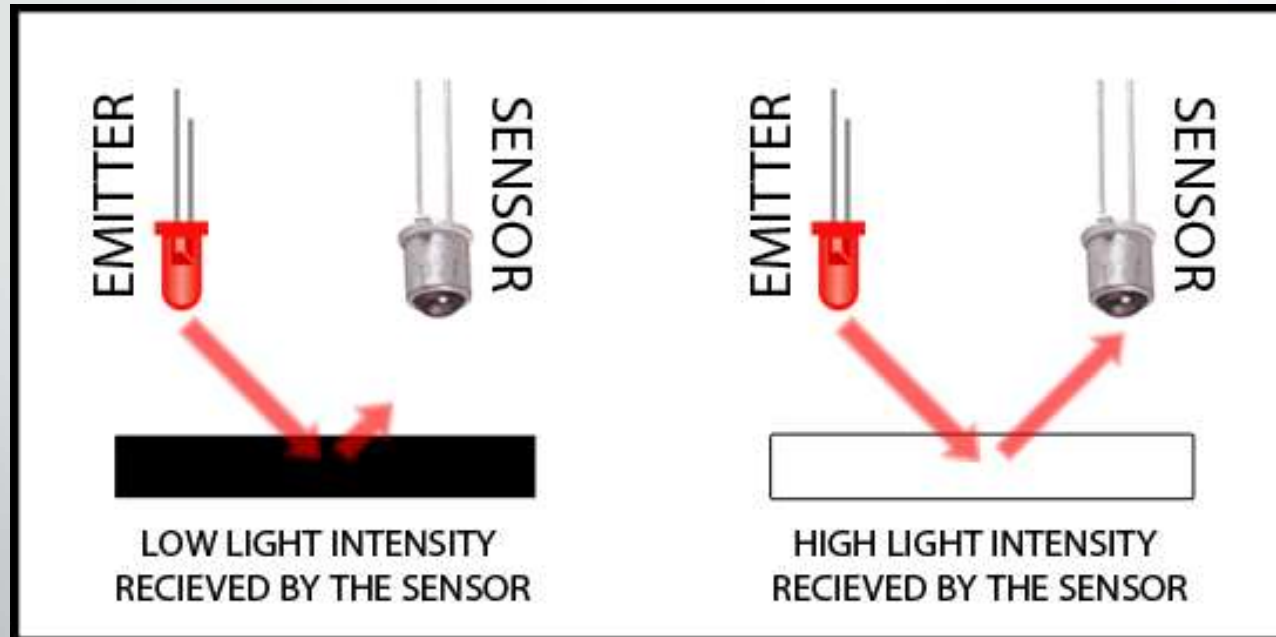
- Operating voltage 5v
- Output low black line, a white line output high

Pin Definition:-

- VCC Voltage Supply (5 V)
- GND Ground
- L Signal from L infrared sensor (high / low)
- C Signal from C infrared sensor (high / low)
- R Signal from R infrared sensor (high / low)



How it works??





Example i: try the line tracker

- See the code file

Example ii: lets guess the line tracker car code

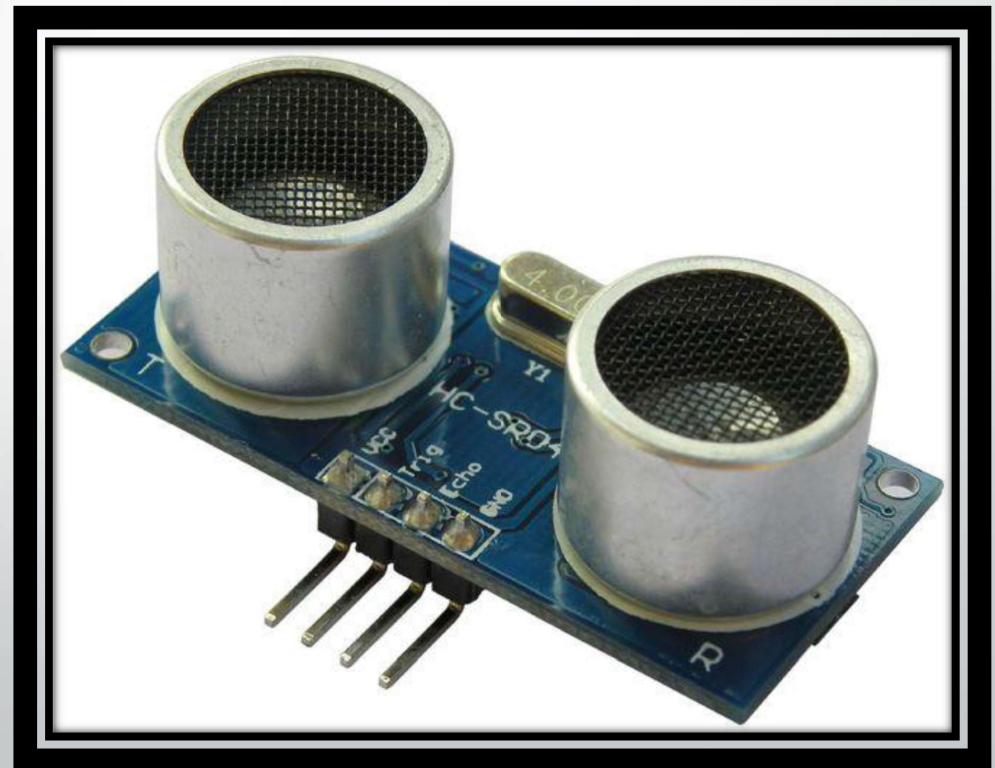
- See code file

Ultrasonic module

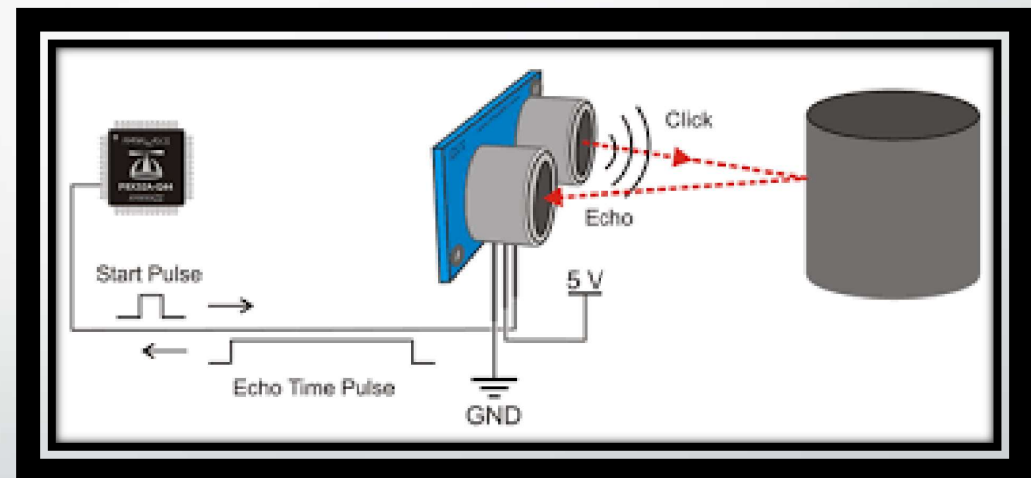
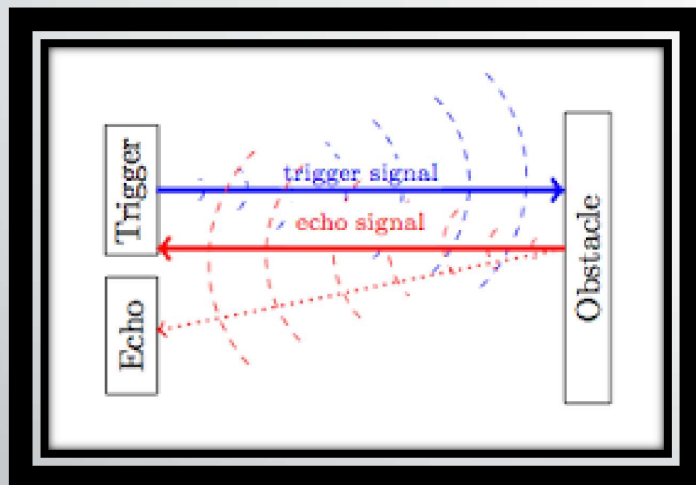
- Power supply: 5V DC
- Ranging distance: 2cm – 400 cm

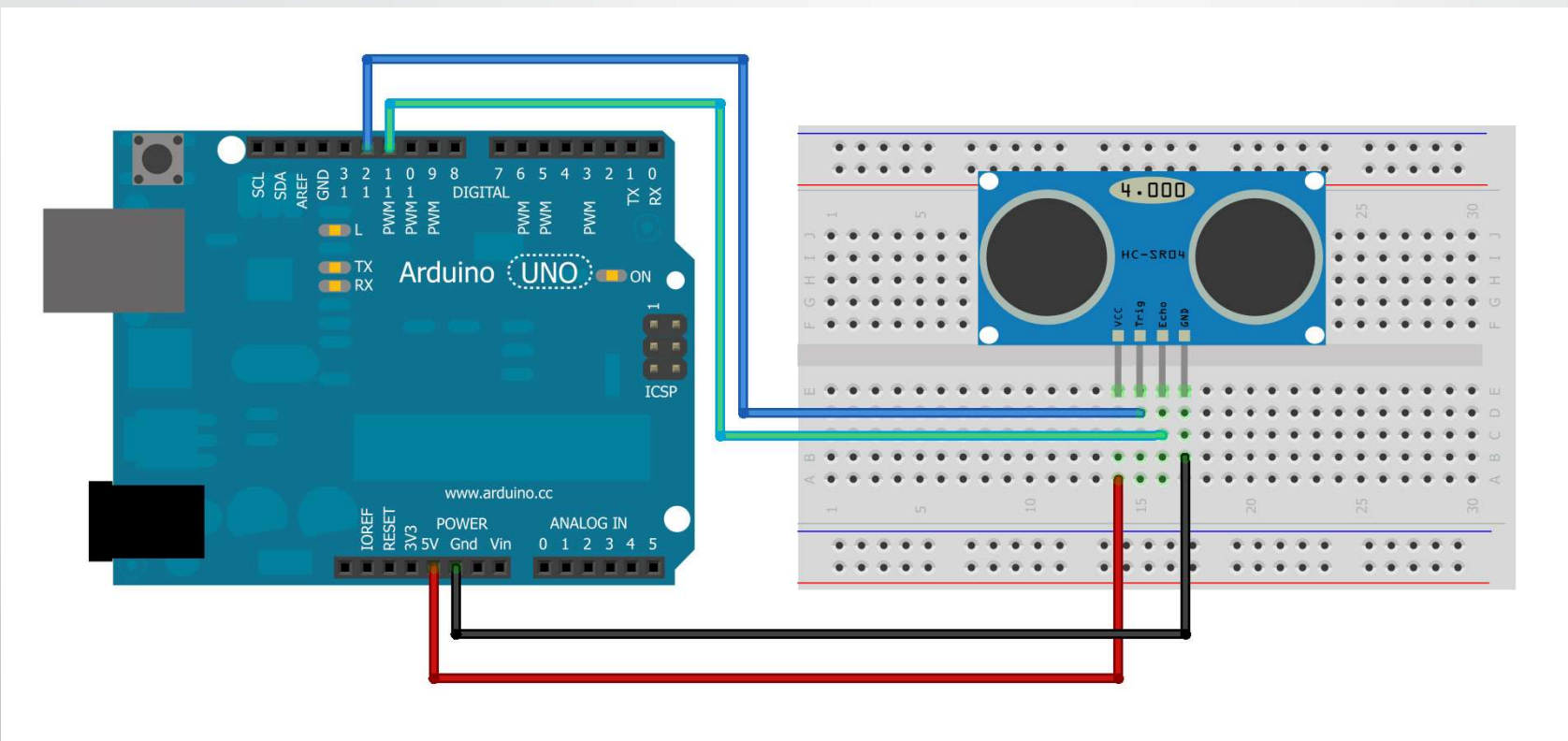
Pins

- VCC: +5VDC
- Trig : Trigger (INPUT)
- Echo: Echo (OUTPUT)
- GND: GND



How it works ??





Some coding of ultrasonic

- Define library
- # include "Ultrasonic.h"

To define a new sensor:

```
Ultrasonic {name of sensor}(trig pin, echo pin);
```

To get the distance in cm:

```
{name of sensor}.Ranging(CM)
```


Example i: send data to serial monitor

- See the code file



Example ii: the car stops when it sees the object

- See the code file