

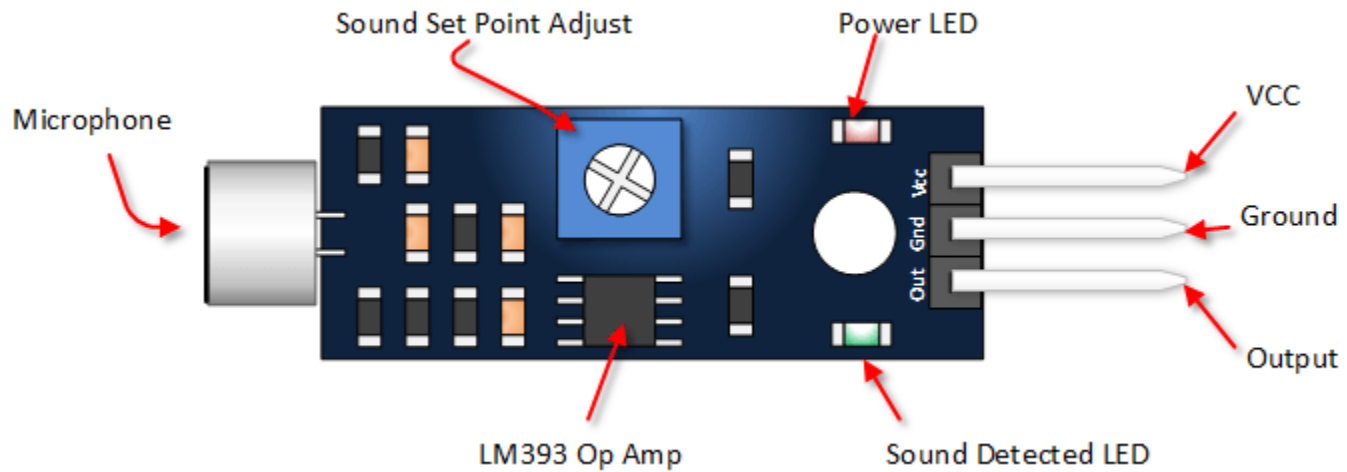
Session 8

1

- ❑ Sensors Interface (part 2)
 - Sound Sensor
 - Ultrasonic Sensor
 - Line Tracker
- ❑ Practical LAB

Sound Sensor

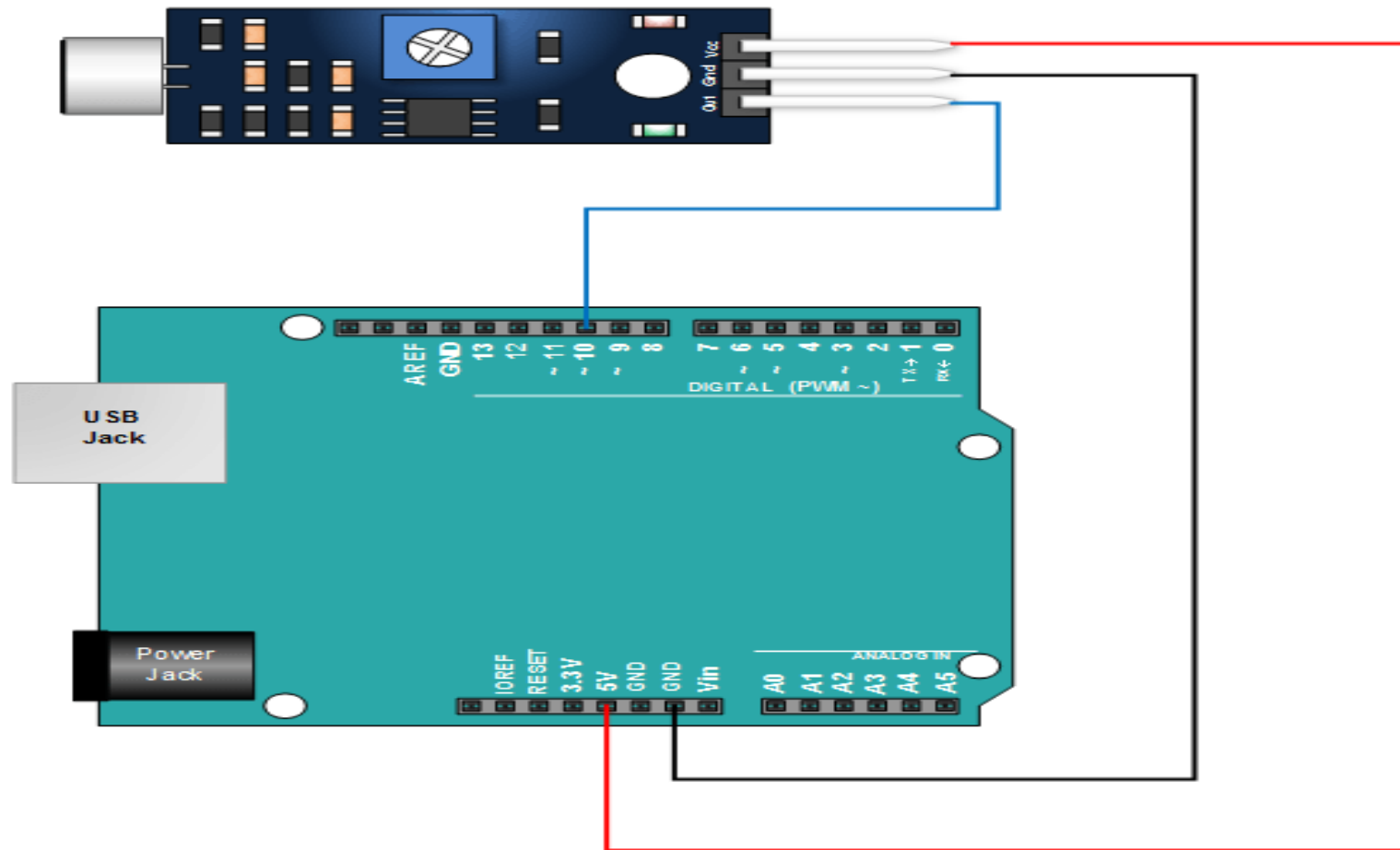
2



Sound Sensor

(Connection)

3



Sound Sensor

(Code)

4



sound_sensor.ino

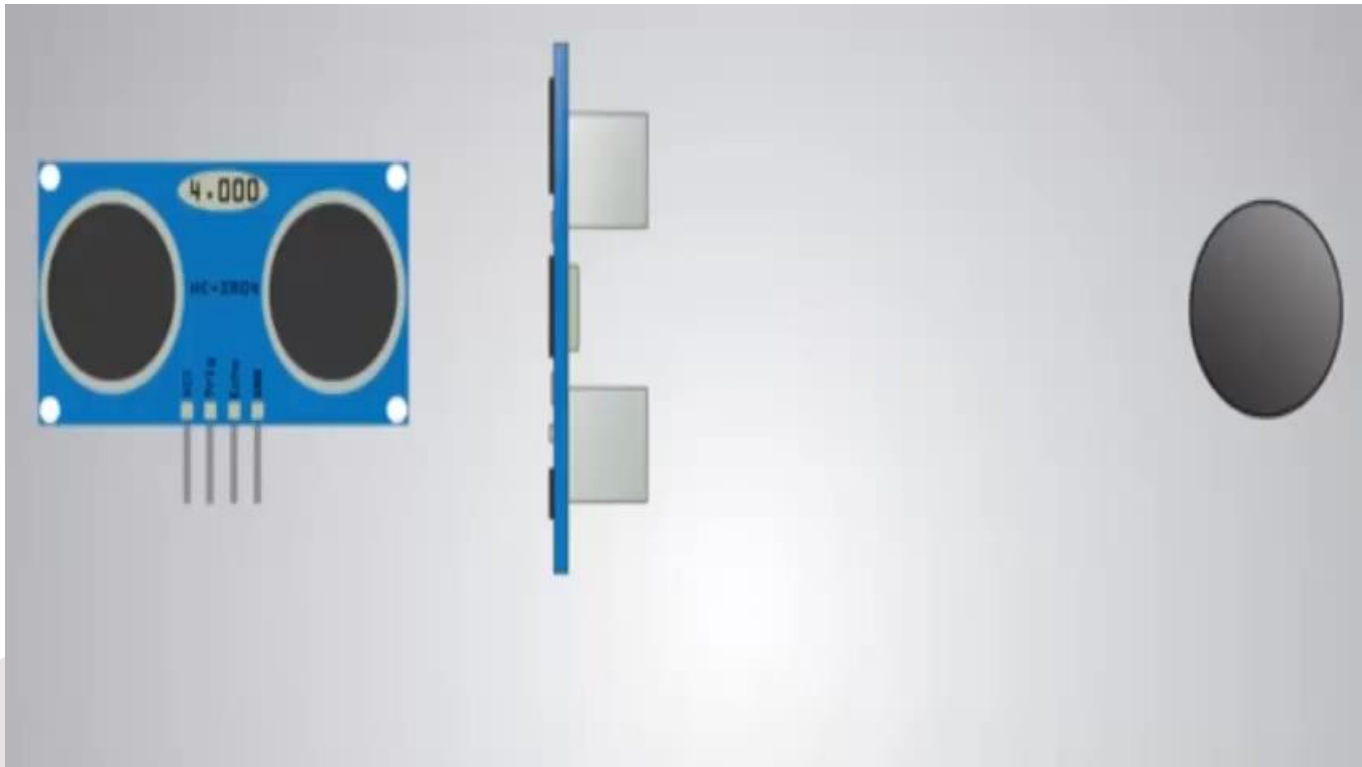
Ultrasonic Sensor

5



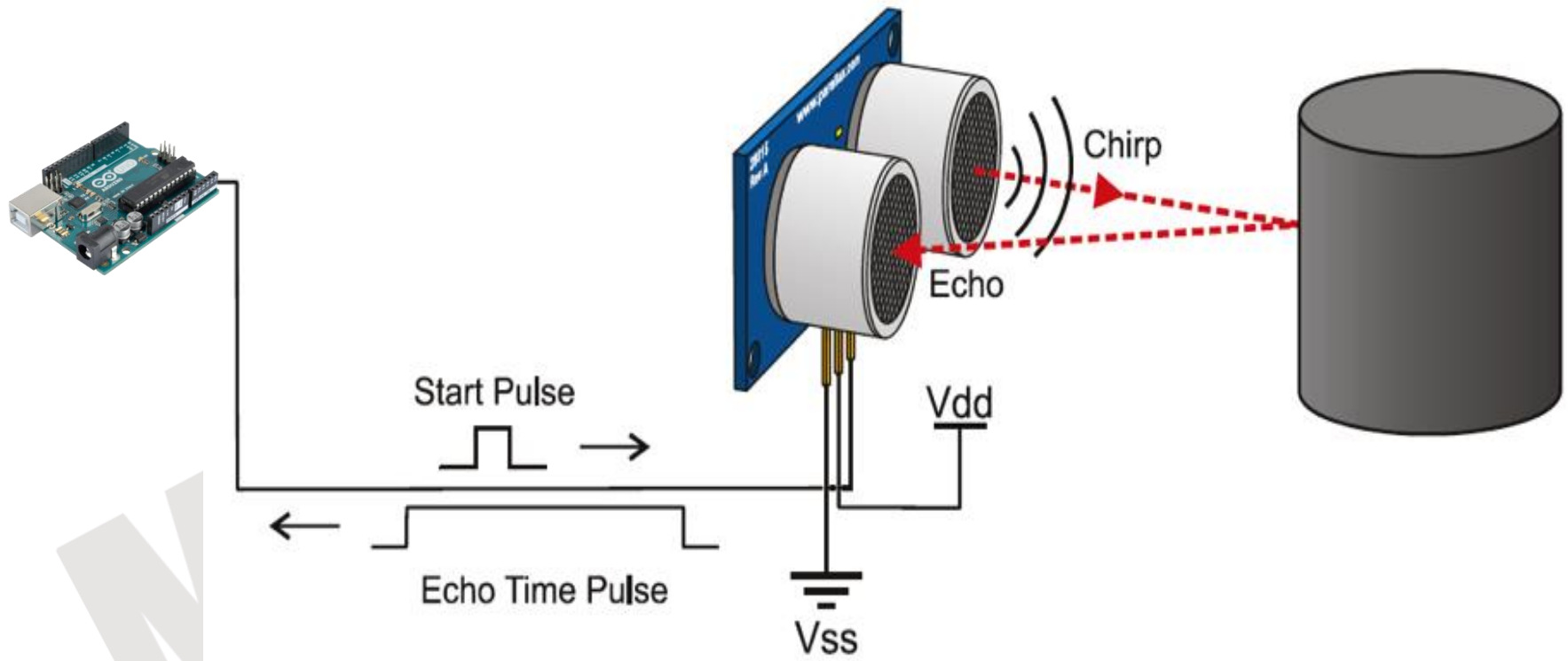
Ultrasonic Sensor

6



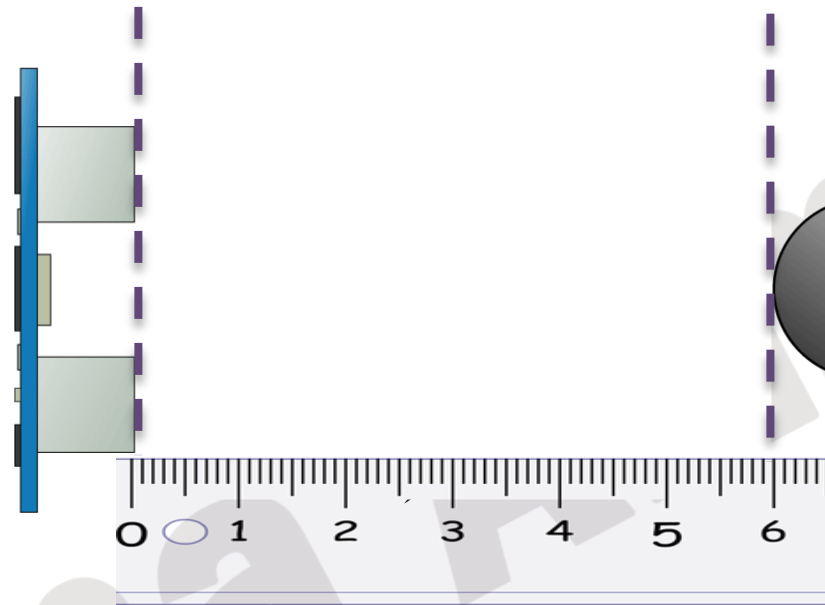
Ultrasonic Sensor

7



Ultrasonic Sensor

8

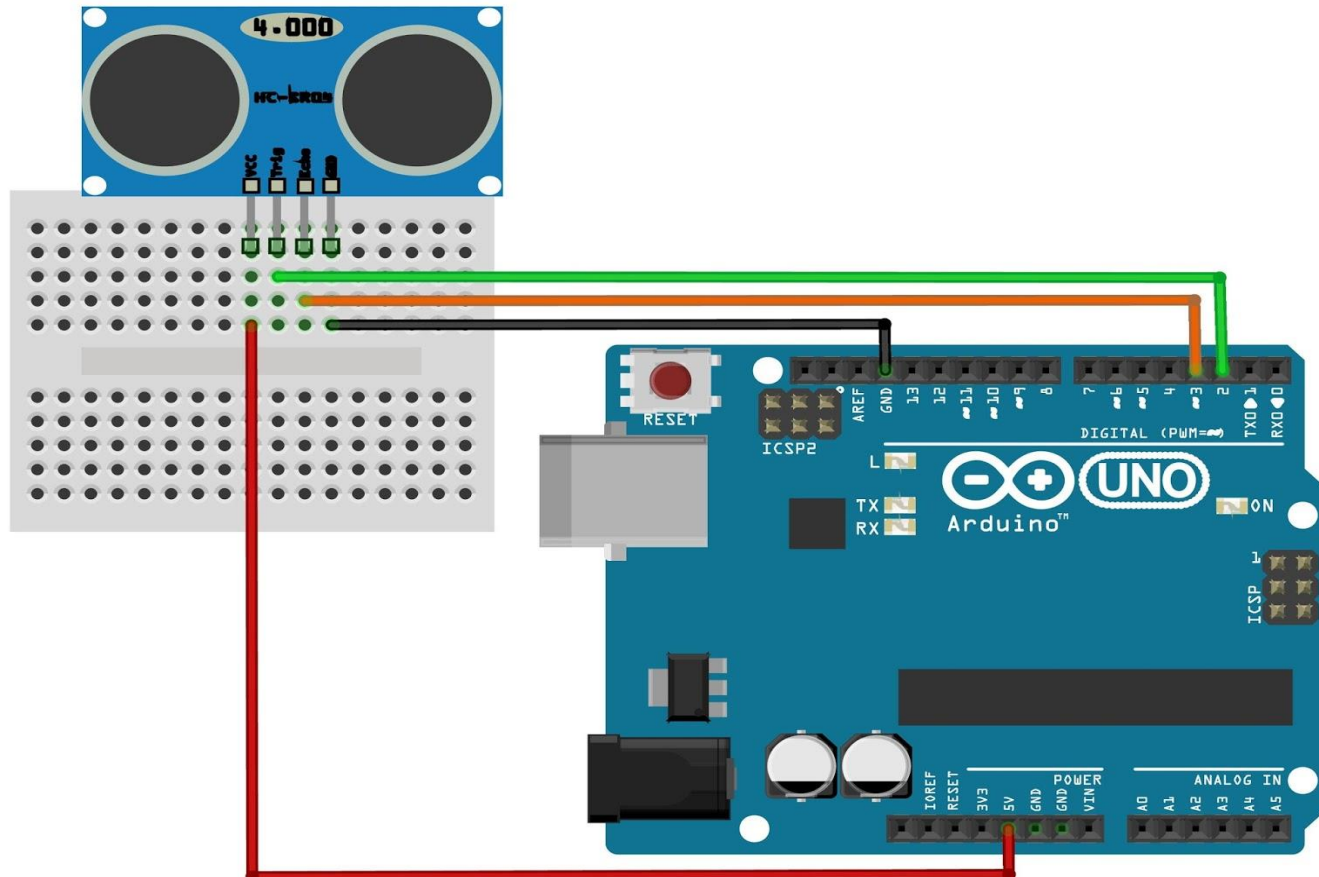


Speed of sound= Target Distance/Ping Time

Ultrasonic Sensor

(Connection)

9



Ultrasonic Sensor

(Code)

10



Ultrasonic.ino

Line Tracker Sensor

11

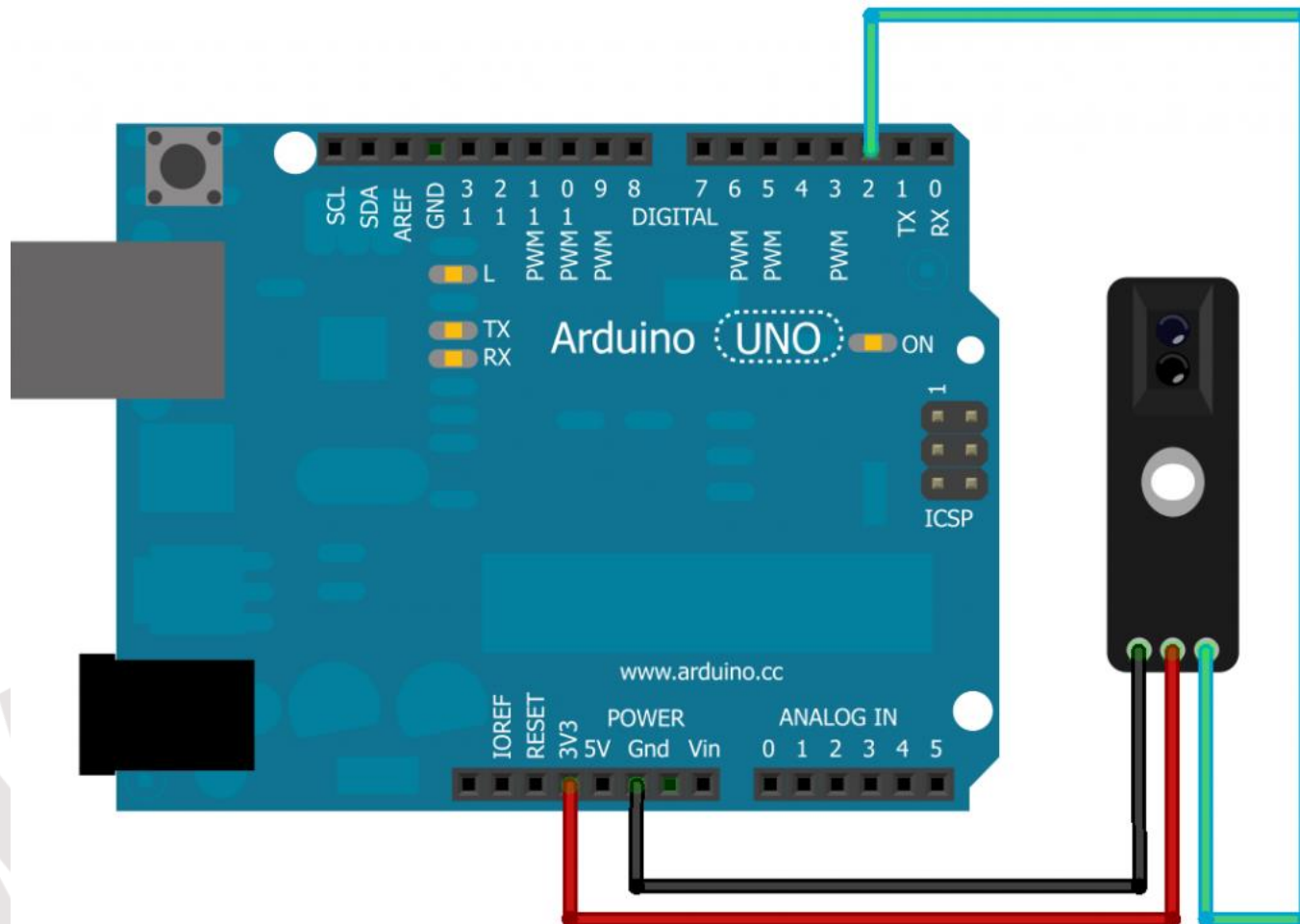
Distance: up to 3 cm



Line Tracker Sensor

(Connection)

12



Line Tracker Sensor

(Code)

13



test111111111.ino

Practical LAB

14

