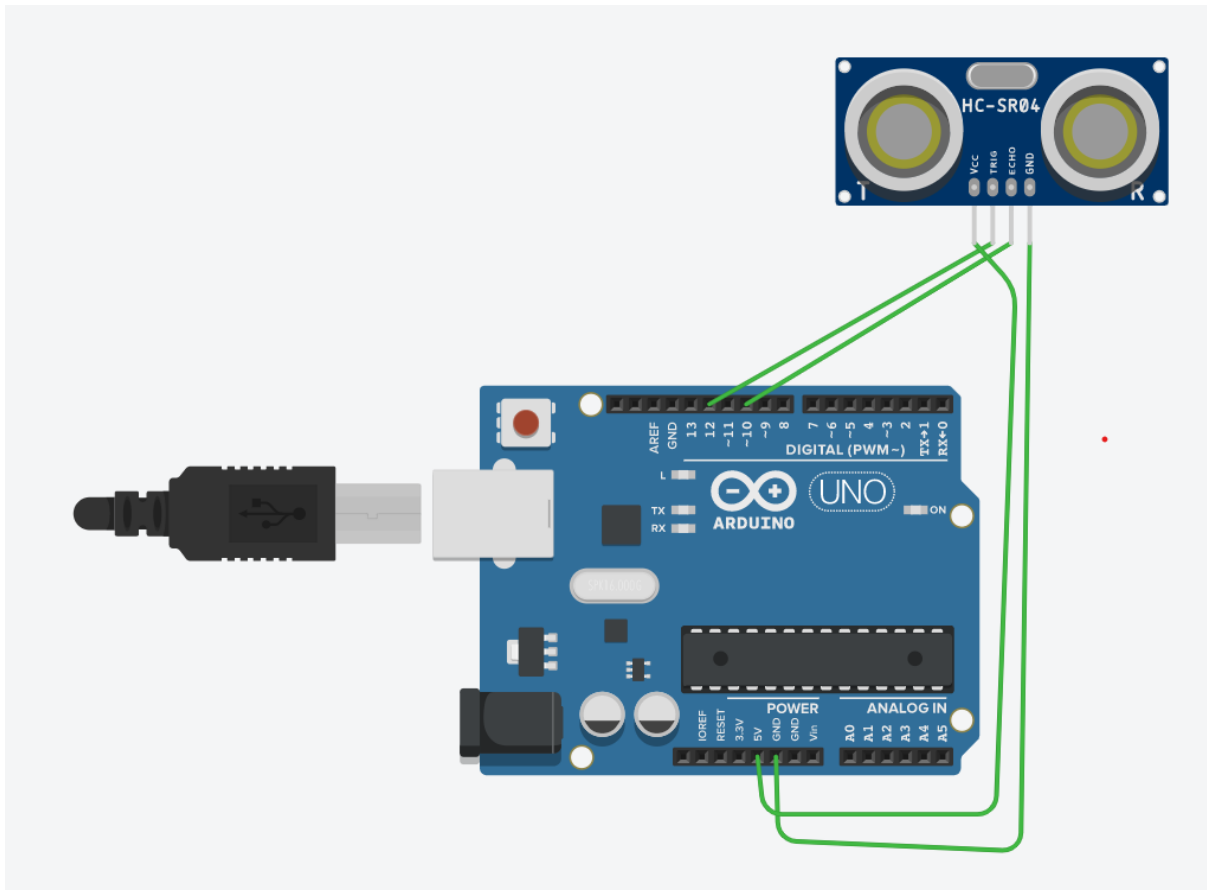


## EXPERIMENT :7 Ultrasonic sensor interface

### DIAGRAM:-



### THEORY:

#### CONCEPT USED-

The concept of experiment states that ultrasonic sensor measures distance of any barrier in front of it. It measures distance in a certain field of view.

#### LEARNING AND OBSERVATIONS-

- ➔ How to use ultrasonic sensor measuring the distance.
- ➔ Coding of ultrasonic sensor.

## **PROBLEMS AND TROUBLESHOOTING –**

- ➔ While during connections it is important to do all connection in a sequence manner otherwise for loop will not be used while during program.

## **PRECAUTIONS -**

- ➔ Wiring should be done properly, neatly.
- ➔ Do not use excess wires try to reduce number of wires used.

## **LEARNING OUTCOMES –**

We learn to code and how to make circuit using arduino.