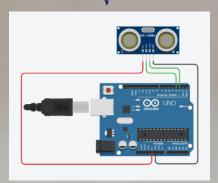
Title: Ultrasonic Distance Sensor

Aim: To find the distance.

Hardware Required: Ardwino Board, Ultrasonic Distance Sensor, Wires.

## Circuit Diagram:



```
Code:
```

# define echoPin 2 # define trigPin 3 long duration; int distance; void Detup()

pinMade (trigiPin, DUTPUT); pinMade (echoPin, INPUT); Serial begin (9600);

Serial points ("Ultrasonic distance test"); Serial points ("Anduino board");

```
digital Write (trig Pin, LDW);

delay (200);

digital Write (trig Pin, HIGH);

delay (100);

digital Write (trig Pin, LOW);

dwration = pulse In (echo Pin, HIGH);

distance = dwratton * 0.03412;

Serial print ("Distance: ");

Serial print (distance);

Serial print (distance);

Serial print ("cm");

}

Observation / Conclusion:

The distance in "cm" can be determined.
```