Program no 10

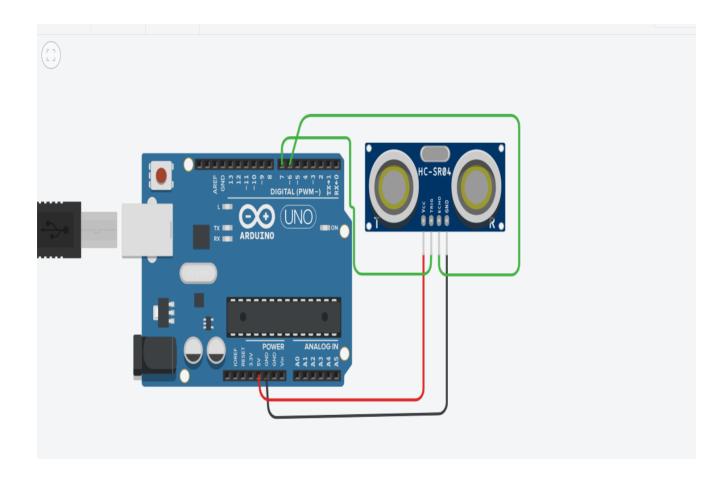
Program Title <u>Distance Report</u>

Aim : To Design the system for measuring distance between object

Hardware Required

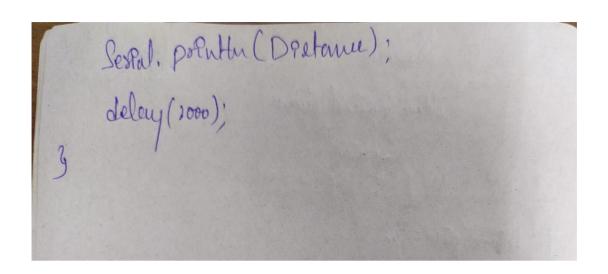
- Arduino Board
- Wires
- Ultra sonic distance sensor

Circuit Diagram



Code:

```
Program - 10
                                             1BM19CS405
            Oltra Loule Dectario
                   Sensor
Int boggespan=7;
Put and celiopar = 6;
Vold letupe
        pen Mode (beggespen, OUTPUT);
        PanMode (echopen + INPUT);
        Seral beggn (9600)1
vord loop ()
    long Destance, Dulation;
     Degetal write (treggered pen, Http:// Low);
delay(1);
digstal Worte (tregger pen, HIGH);
         delay (10);
elegetentherêté (heggerpen, Low);
             Dulation = pen pul sela (eulopen, HI9)
               Destance = Duration *0.034 /2;
```



Observation / Output

