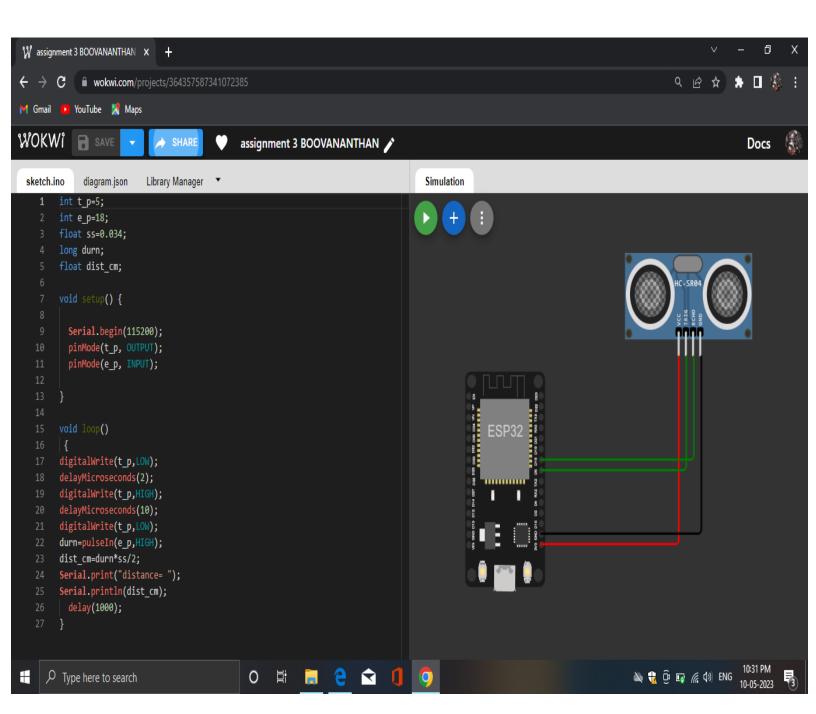
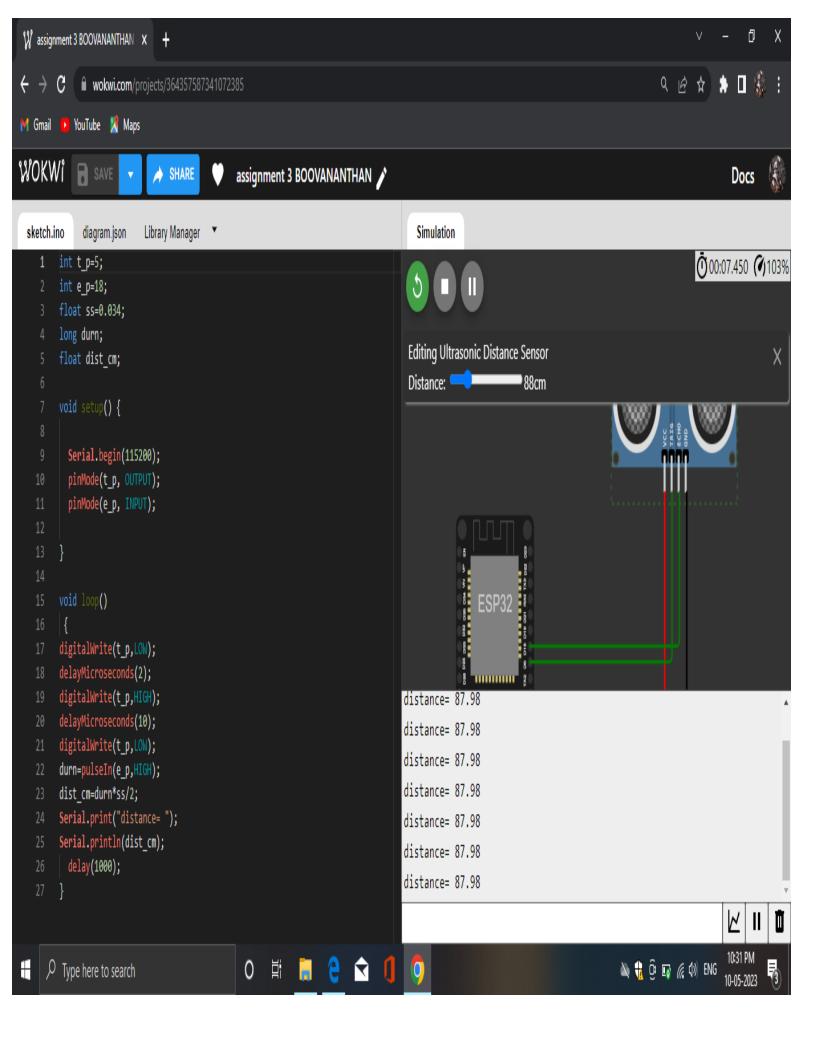
ASSIGNMENT-3

NAME	L.BOOVANANTHAN
ASSIGNMENT NAME	Build wowki product, use ultrasonic sensor and detect the distance from the object. Whenever distance is less than 100cms

LINK: https://wokwi.com/projects/364357587341072385





PROGRAM:

```
int t_p=5; int
e_p=18; float
ss=0.034; long
durn; float
dist_cm;
void setup() {
 Serial.begin(115200);
 pinMode(t_p, OUTPUT);
pinMode(e_p, INPUT);
}
void loop()
{
digitalWrite(t_p,LOW);
delayMicroseconds(2);
digitalWrite(t_p,HIGH);
delayMicroseconds(10);
digitalWrite(t_p,LOW);
```

```
durn=pulseIn(e_p,HIGH);
dist_cm=durn*ss/2;
Serial.print("distance= ");
Serial.println(dist_cm);
delay(1000);
}
```