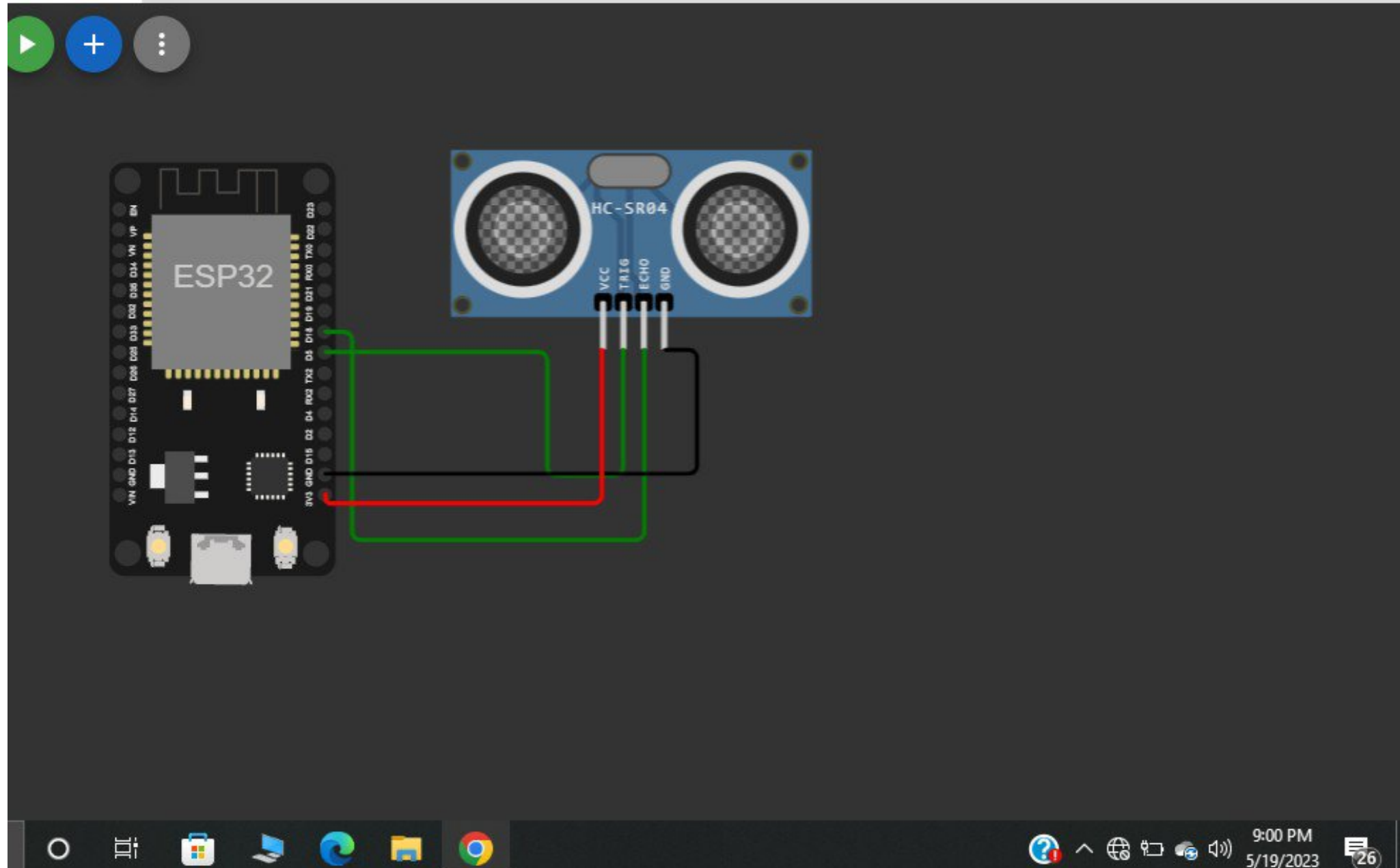


S. Ida sophia scudder

Assignment 3

950920104014|

Simulation





sketch.ino ●

diagram.json ●

Library Manager ▼

```
1  int t_p=5;
2  int e_p=18;
3  float ss=0.034;
4  long durn;
5  float dist_cm;
6
7
8  void setup() {
9
10     Serial.begin(115200);
11     pinMode(t_p,OUTPUT);
12     pinMode(e_p,INPUT);
13
14 }
15
16 void loop()
17 {
18     digitalWrite(t_p,LOW);
19     delayMicroseconds(2);
20     digitalWrite(t_p,HIGH);
21     delayMicroseconds(10);
22     digitalWrite(t_p,LOW);
23     durn=pulseIn(e_p,HIGH);
24     Serial.println("distance=");
25     dist_cm=durn*ss/2;
26     Serial.println(dist_cm);
27     delay(1000);
28 }
29
```

