**1.ALARM SHOULD SOUND WITH ANOTHER FREQUENCY IF MOTION IS DETECED IN PIR SENSOR**

**CODING:**

void setup()

{

Serial.begin(9600);

pinMode(5,OUTPUT);

}

void loop()

{

int data=analogRead(A0);

double n=data/1024;

double volt=n\*6;

double off=volt-0.6;

double temperature=off\*100;

Serial.print("Temperature data:");

Serial.println(temperature);

tone(5,100);

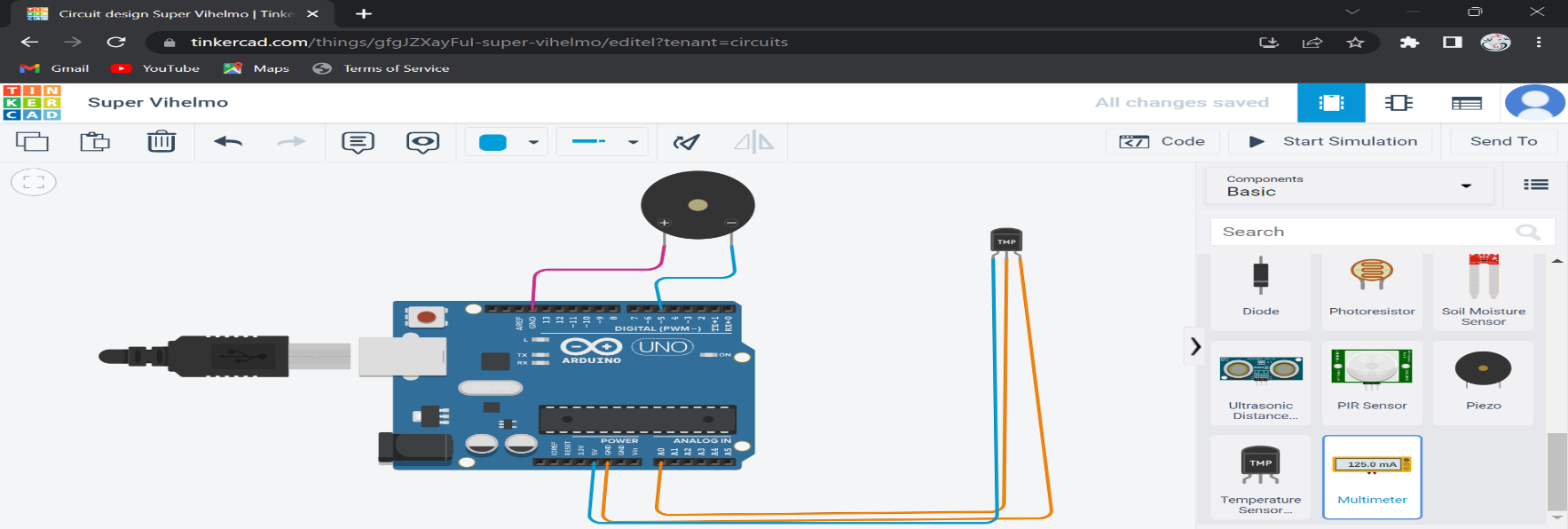
delay(1000);

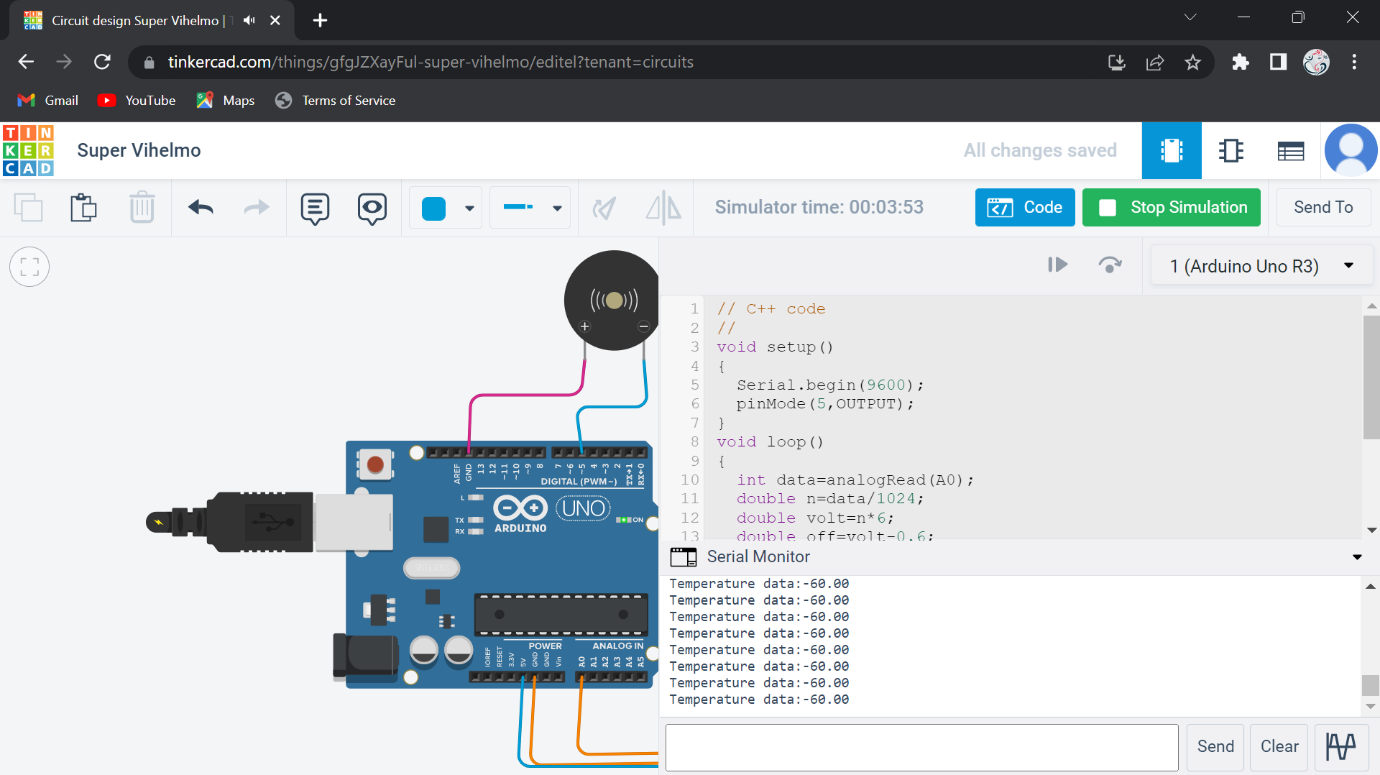
tone(5,200);

delay(1000);

}

**CIRCUIT DIAGRAM:**





**2. ALARM SHOULD SOUND IN ONE MANNER IF TEMP IS ABOVE 60C**

**CODING:**

void setup()

{

pinMode(2,INPUT);

pinMode(13,OUTPUT);

}

void loop()

{

if(digitalRead(2)==HIGH)

{

digitalWrite(13,HIGH);

}

else

{

digitalWrite(13,LOW);

}

delay(10); // Wait for 1000 millisecond(s)

}

**CIRCUIT DIAGRAM:**

