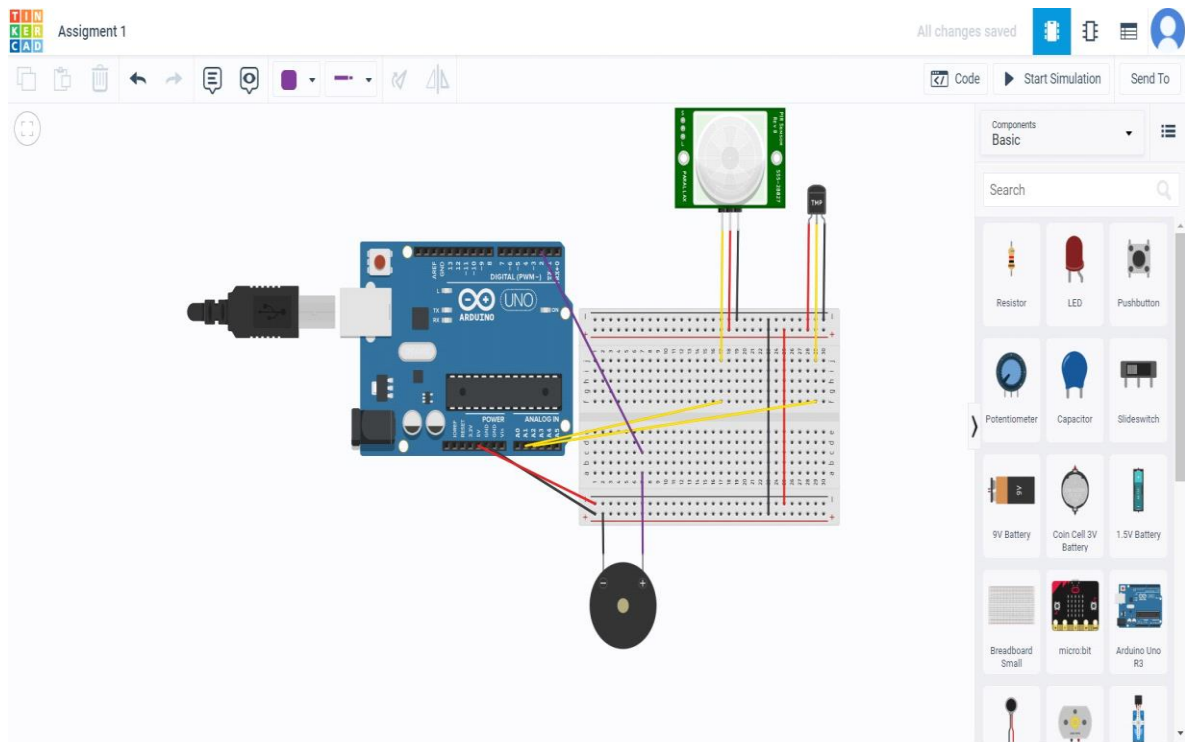
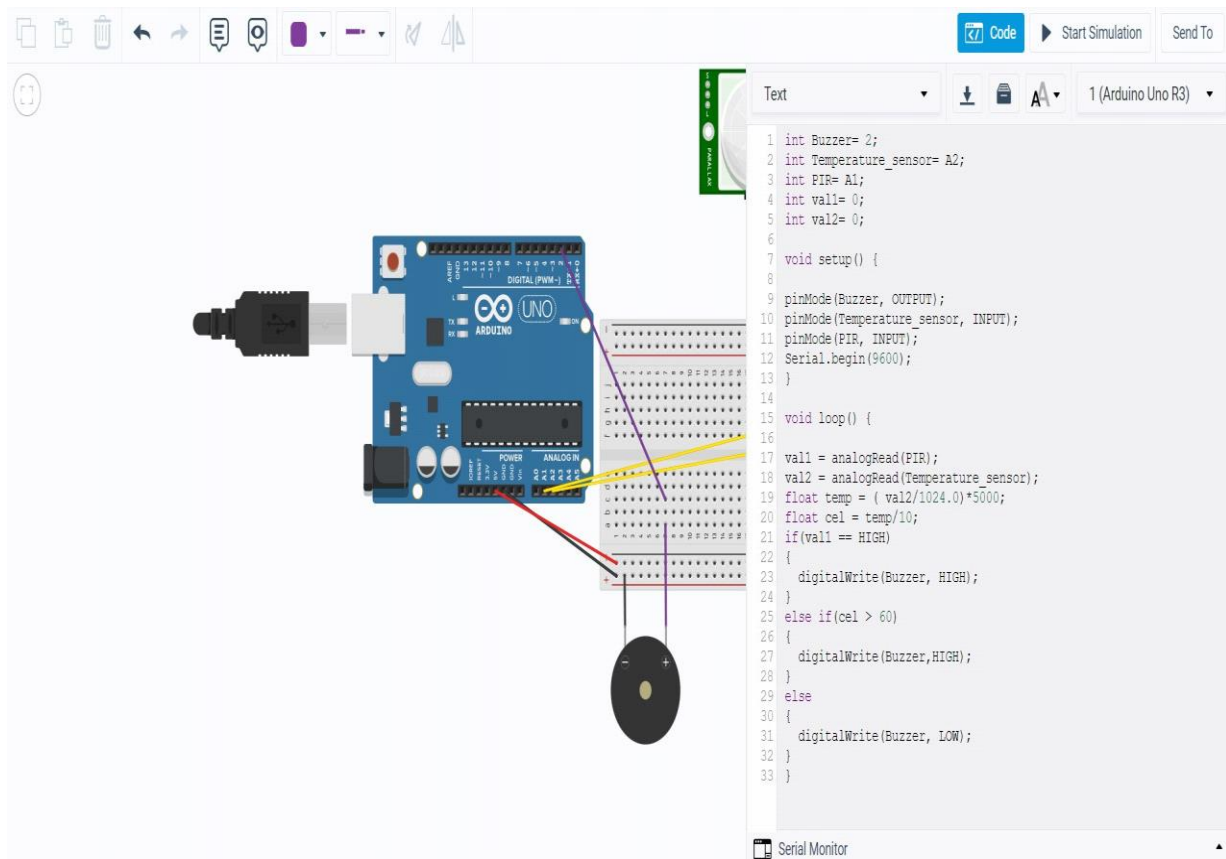


# ASSIGNMENT 1





## CODE :

int Buzzer= 2;

int Temperature\_sensor= A2;

int PIR= A1;

int val1= 0;

int val2= 0;

void setup() {

pinMode(Buzzer, OUTPUT);

pinMode(Temperature\_sensor, INPUT);

pinMode(PIR, INPUT);

Serial.begin(9600);

```
}  
void loop() {  
  val1 = analogRead(PIR);  
  val2 = analogRead(Temperature_sensor);  
  float temp = ( val2/1024.0)*5000;  
  float cel = temp/10;  
  if(val1 == HIGH)  
  {  
    digitalWrite(Buzzer, HIGH);  
  }  
  else if(cel > 60)  
  {  
    digitalWrite(Buzzer,HIGH);  
  }  
  else  
  {  
    digitalWrite(Buzzer, LOW);  
  }  
}
```