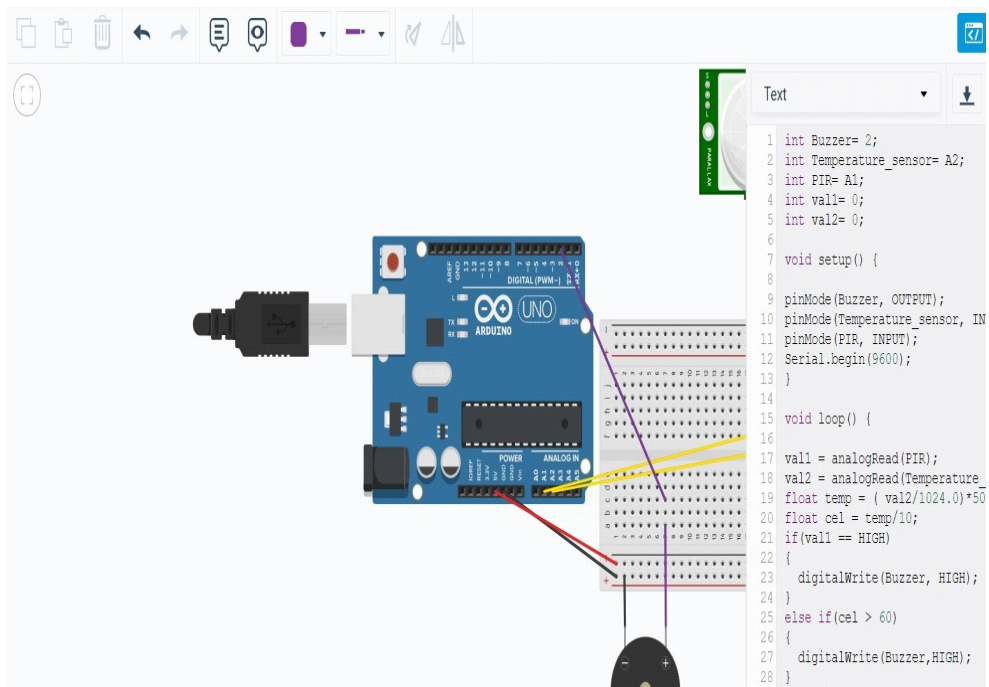
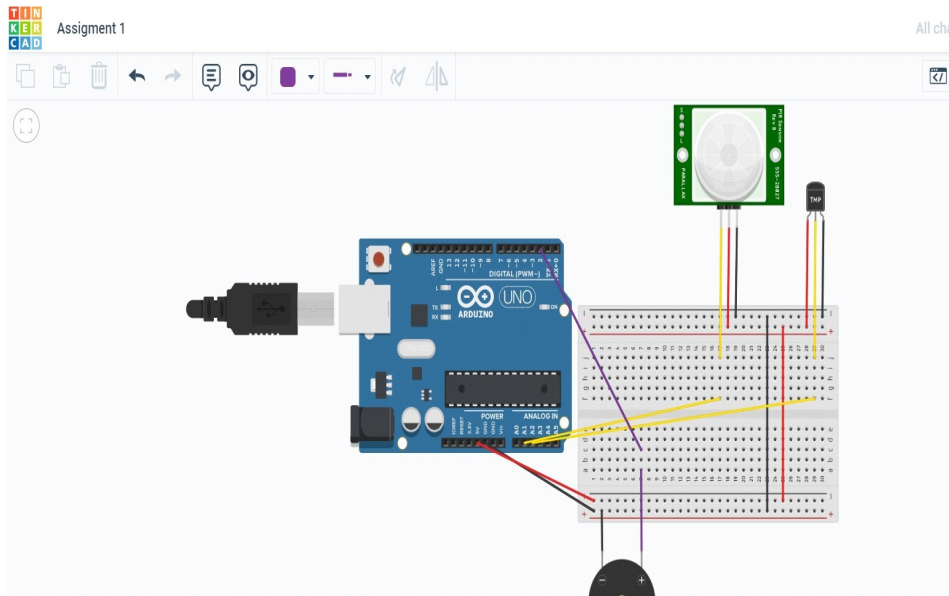


ASSIGNMENT-1

NILESH PARVATH.S



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);  
}  
}
```

-S.Nilesh Parvath.