#include<Servo.h>

Servo s;

Int buzz=12;

Void setup()

{

Serial.begin(9600);

pinMode(13, OUTPUT);

pinMode(buzz,OUTPUT);

pinMode(4,INPUT);

s.attach(3);

}

Void loop()

{

For(int i=0;i<=180;i=i+10)

{

s.write(i);

digitalWrite(13, HIGH);

delay(1000);

digitalWrite(13, LOW);

delay(1000);

}

For(int p=0;p<=180;p=p++)

{

Double a = analogRead(A0);

Double c = (((a/1024\*5)-0.5)\*100);

Serial.print(“celcius value:”);

Serial.println©;

If(c>60)

{

Tone(buzz,200);

Delay(250);

noTone(buzz);

tone(buzz,200);

delay(250);

tone(buzz,200);

delay(250);

noTone(buzz);

tone(buzz,200);

delay(250);

noTone(buzz);

}

Else

Delay(100);

}

Int v = digitalRead(4);

If(v==1)

{

Serial.println(“motion detected”);

Delay(100);

}

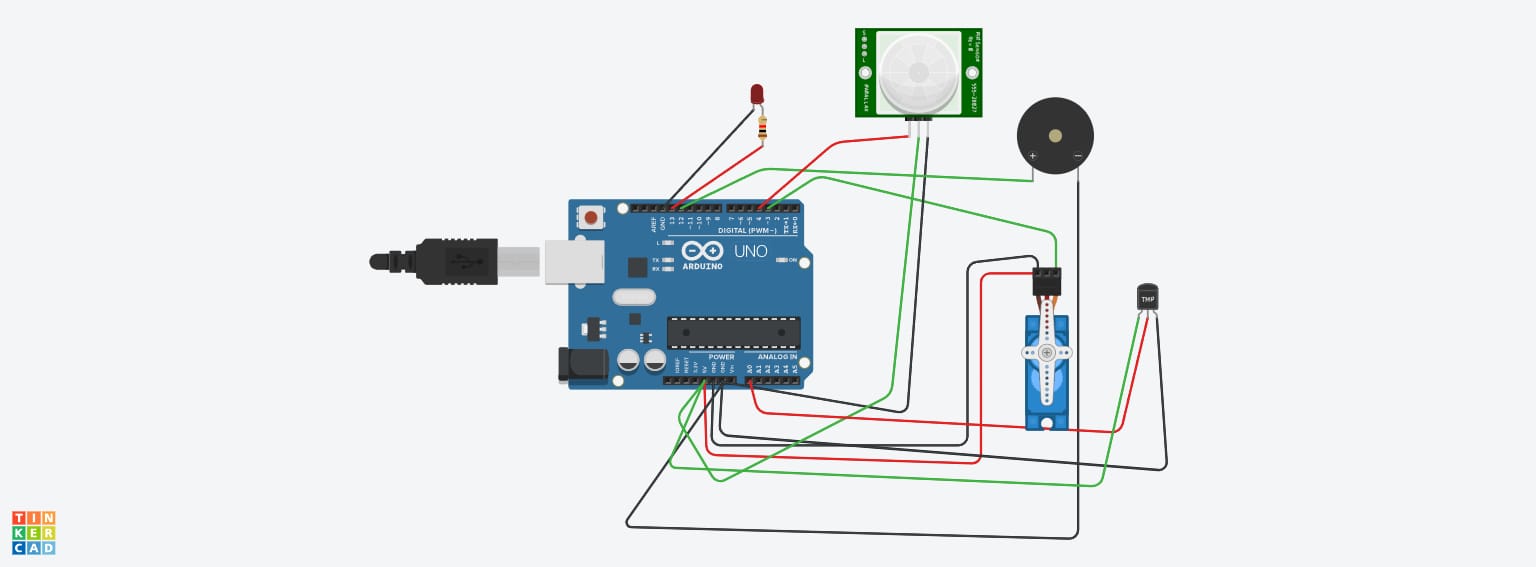
Else

{

Serial.println(“motion not detected”);

Delay(100);

}

}