

CODE:

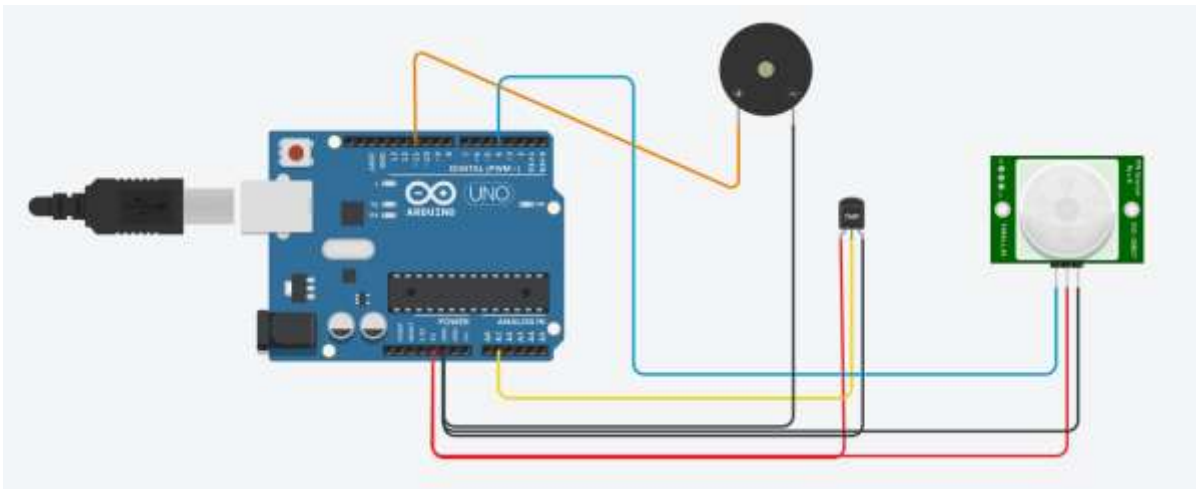
```
void setup()

{
  Serial.begin(9600);
  pinMode(4,INPUT);
  pinMode(11,OUTPUT);
}

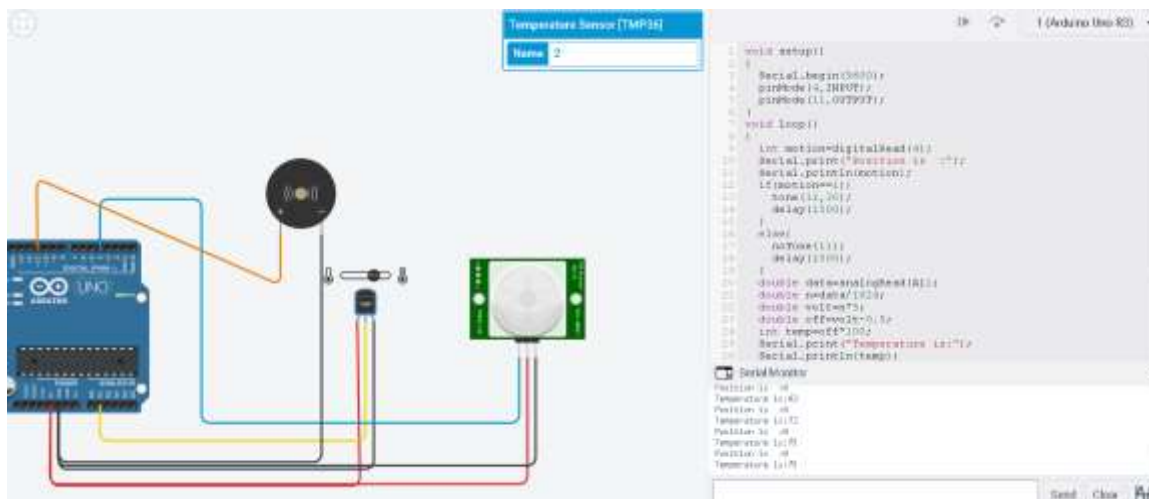
void lp()
{
  int motion=digitalRead(4);
  Serial.print("Position is :");
  Serial.println(motion);
  if(motion==1){
    tone(11,30);
    delay(1500);
  }
  else{
    noTone(11);
    delay(1000);
  }
  double data=analogRead(A1);
  double n=data/1024;
  double volt=n*5;
  double off=volt-0.5;
  int temp=off*100;
  Serial.print("Temperature is:");
  Serial.println(temp);
  if(temp>=60){
    tone(11,700);
    delay(500);
  }
  else{
    noTone(11);
  }
}
```

Output:

Circuit Diagram:



Motion Sensor :



Temperature Sensor:

