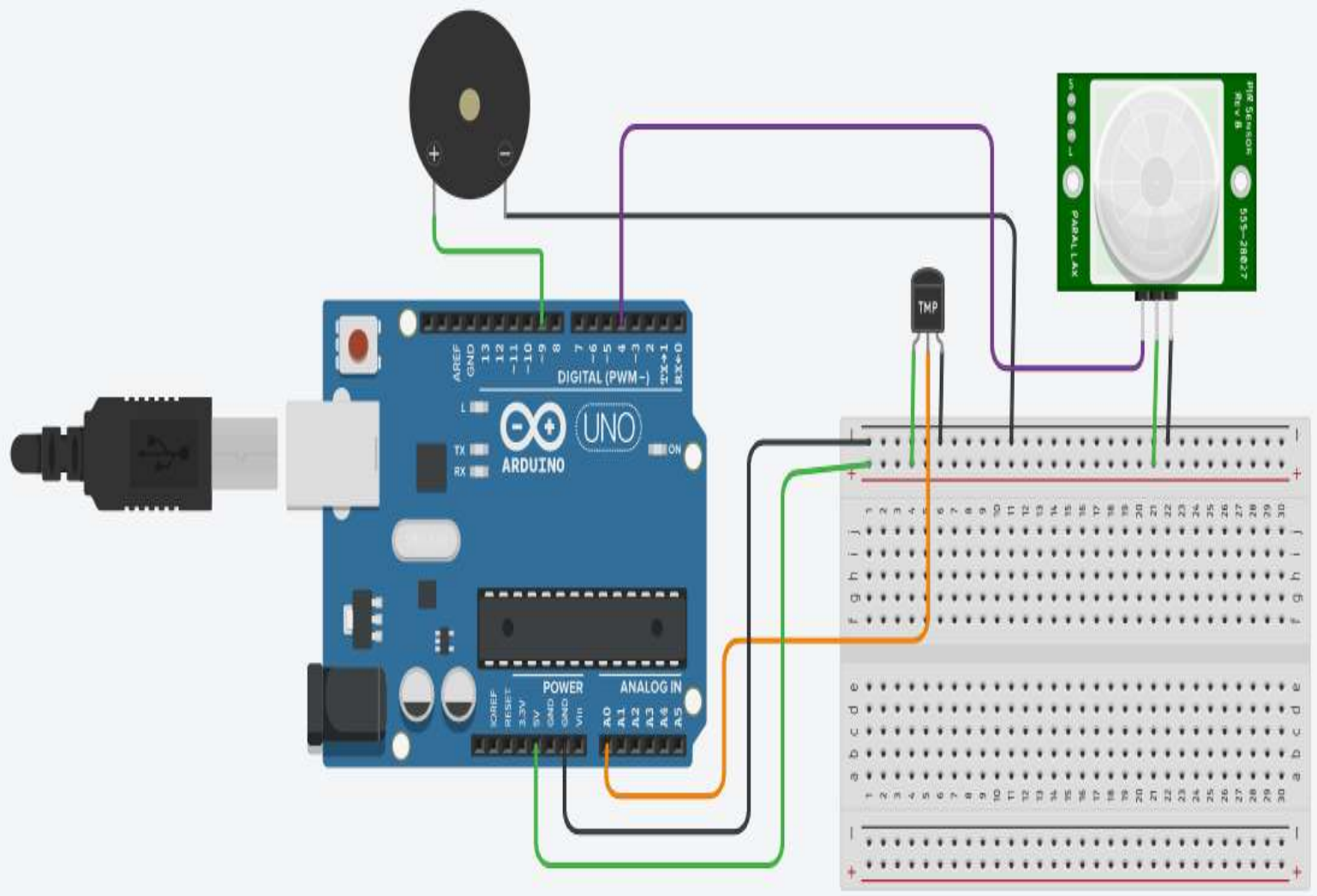


ASSIGNMENT - 1

**PIR
BUZZER
TEMPERATURE SENSOR**

By,
REENA JOHANNA P
111519106133





Code

Start Simulation

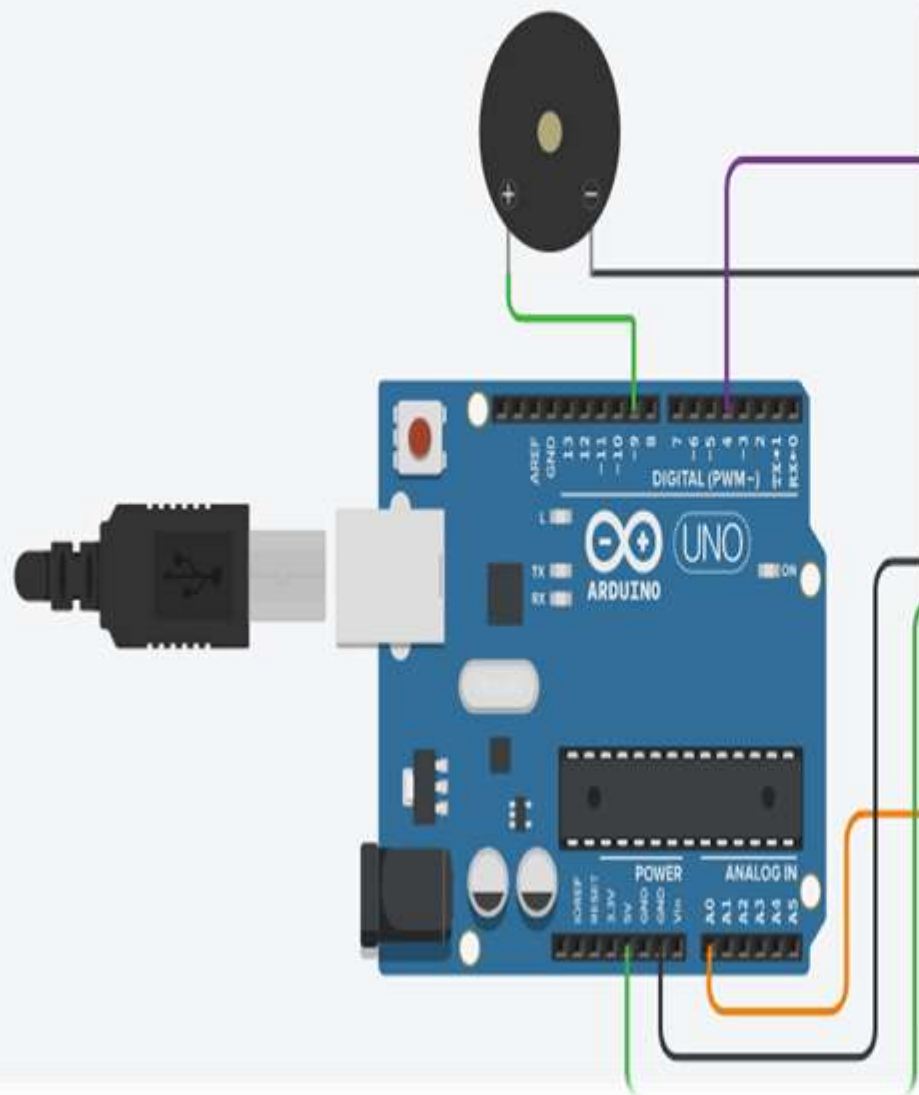
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Text



A

1 (Arduino Uno R3)



```

1 // C++ code
2 //
3 void setup()
4 {
5   Serial.begin(9600);
6   pinMode(9,OUTPUT);
7   pinMode(4,INPUT);
8 }
9
10 void loop()
11 {
12   int tempdata=analogRead(0);
13   int pirdata=digitalRead(4);
14   Serial.println(tempdata);
15   if(tempdata>60){
16     tone(9,3500,500);
17     delay(1000);
18   }
19   if(pirdata==1){
20     tone(9,5000,500);
21     delay(1000);
22   }
23   digitalWrite(9,LOW);
24 }

```

CODE

```
void setup()
{
  Serial.begin(9600);
  pinMode(9,OUTPUT);
  pinMode(4,INPUT);
}

void loop()
{
  int tempdata=analogRead(0);
  int pirdata=digitalRead(4);
  Serial.println(tempdata);
  if(tempdata>60){
    tone(9,3500,500);
    delay(1000);
  }
  if(pirdata==1){
    tone(9,5000,500);
    delay(1000);
  }
  digitalWrite(9,LOW);
}
```