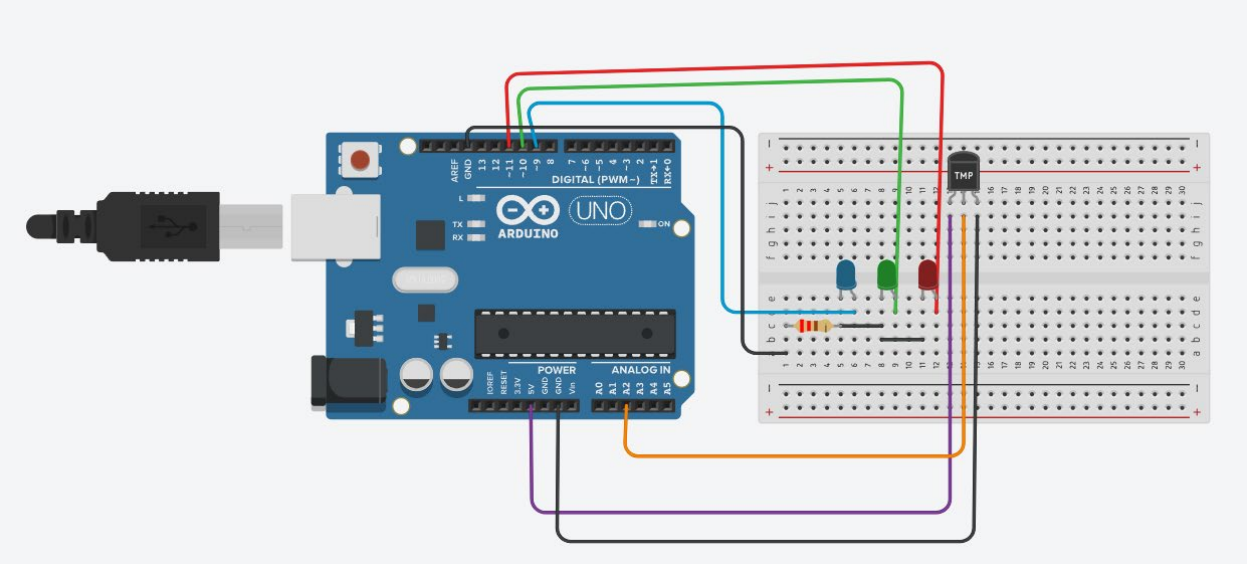


```
// C++ code
//

int LM35Pin = A2;
int ledPin1=9;
int ledPin2=10;
int ledPin3=11;

int val;

int data;

void setup()
{
  pinMode (LM35Pin, INPUT);
  pinMode(ledPin1, OUTPUT);
  pinMode(ledPin2, OUTPUT);
```

```
  pinMode(ledPin3, OUTPUT);

  Serial.begin(9600);
}

void loop()
{
  val = analogRead (LM35Pin);

  data = (val*5)/10;

  Serial.print ("Tem in Calsius: ");
  Serial.print (data);
  Serial.println ("C");

  delay (1000);

  val = analogRead(LM35Pin);
  if (data >= 10 && data < 60) {
  digitalWrite(ledPin1, HIGH);
} else {
  digitalWrite(ledPin1, LOW);
}

if (data >= 60 && data < 120) {
  digitalWrite(ledPin2, HIGH);
```

```
} else {
  digitalWrite(ledPin2, LOW);
}

if (data >= 120 && data < 180) {
  digitalWrite(ledPin3, HIGH);
} else {
  digitalWrite(ledPin3, LOW);
}
}
```