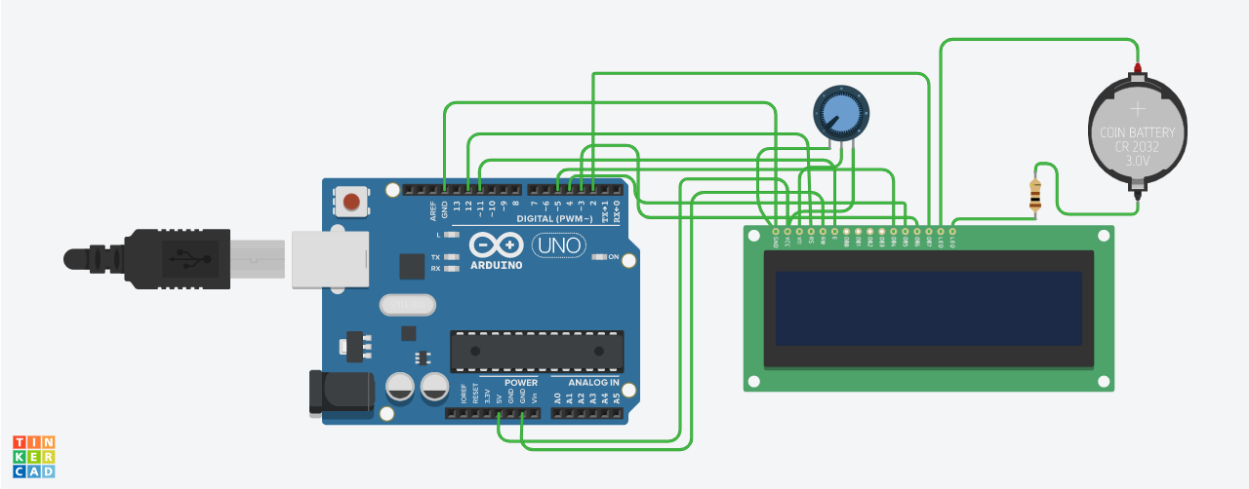
**Display Sensor:**

https://www.tinkercad.com/things/hu5RA7XKVcS-incredible-sango-wluff/editel?sharecode=jhGlthuvhnwZIxazT3olyIrPD34P0rL57xceb6wEO5I

SnapShot:



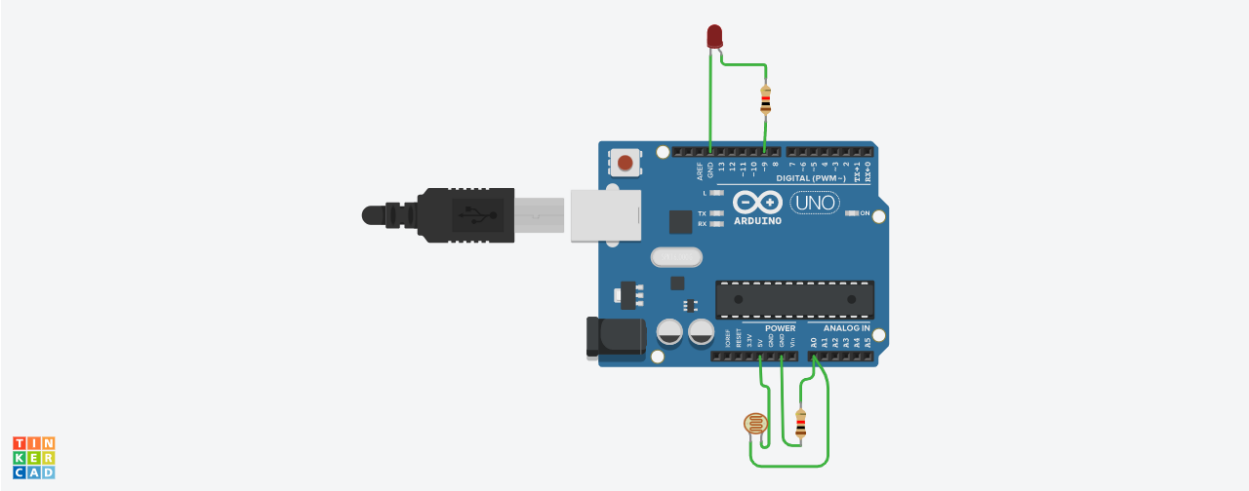

Code:

```
// C++ code
#include<LiquidCrystal.h>

const int rs = 12, en = 11, d4 = 5, d5 = 4, d6 = 3, d7 = 2;
LiquidCrystal lcd(rs, en, d4, d5, d6, d7);

void setup()
{
  lcd.begin(16,2);
  lcd.print("hello, world!");
}

void loop()
{
  lcd.setCursor(0,1);
  lcd.print(millis() / 1000);
}
```

**Photoresistor:**

https://www.tinkercad.com/things/5K3Ca7U4e6e-photoresistor/editel?sharecode=NDEYvKbSW5csJw5xambaQ5lmAfPNI5wThOBZZ213VZc

SnapShot:



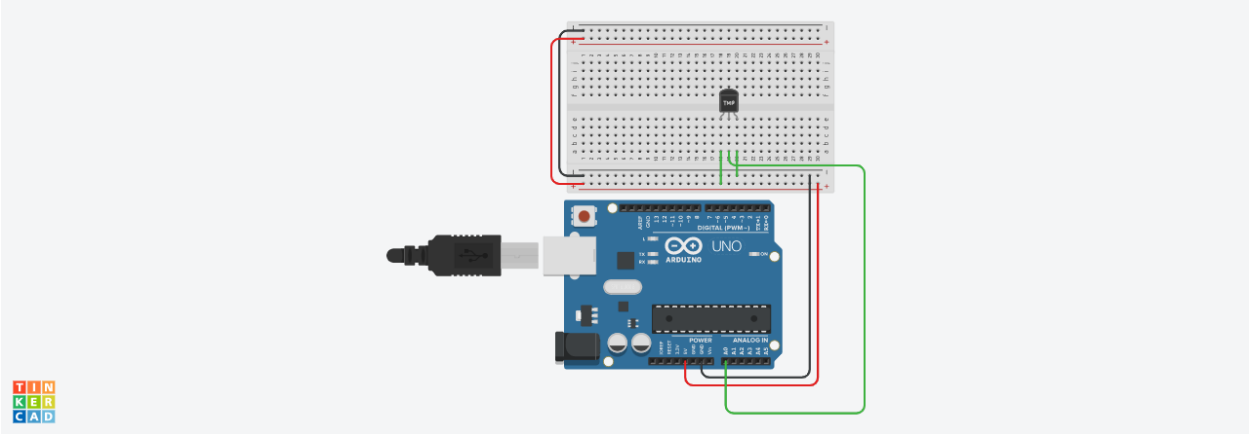

Code:

```
// C++ code
//
void setup()
{
  pinMode(9, OUTPUT);
  Serial.begin(9600);
}

void loop()
{
  int sensor_value = analogRead(A0);
  Serial.println(sensor_value);
  if(sensor_value<40)
    digitalWrite(9, HIGH);
  else
    digitalWrite(9, LOW);
}
```

**Temperature Sensor:**

https://www.tinkercad.com/things/06QBFPzpJXQ-fantastic-migelo-hango/editel?sharecode=zOyE1OO91Th2d3KbCdmysiWWJ9viGYKe7nRQ4NX9hYE

SnapShot:



Code:

```
int sensorPin = 0;

void setup()
{
  Serial.begin(9600);
}

void loop()
{

 int reading = analogRead(sensorPin);
 // measure the 5v with a meter for an accurate value
 //In particular if your Arduino is USB powered
 float voltage = reading * 4.68;
 voltage /= 1024.0;

 // now print out the temperature
 float temperatureC = (voltage - 0.5) * 100;
 Serial.print(temperatureC);
 Serial.println(" degrees C");

 delay(1000);
}
```