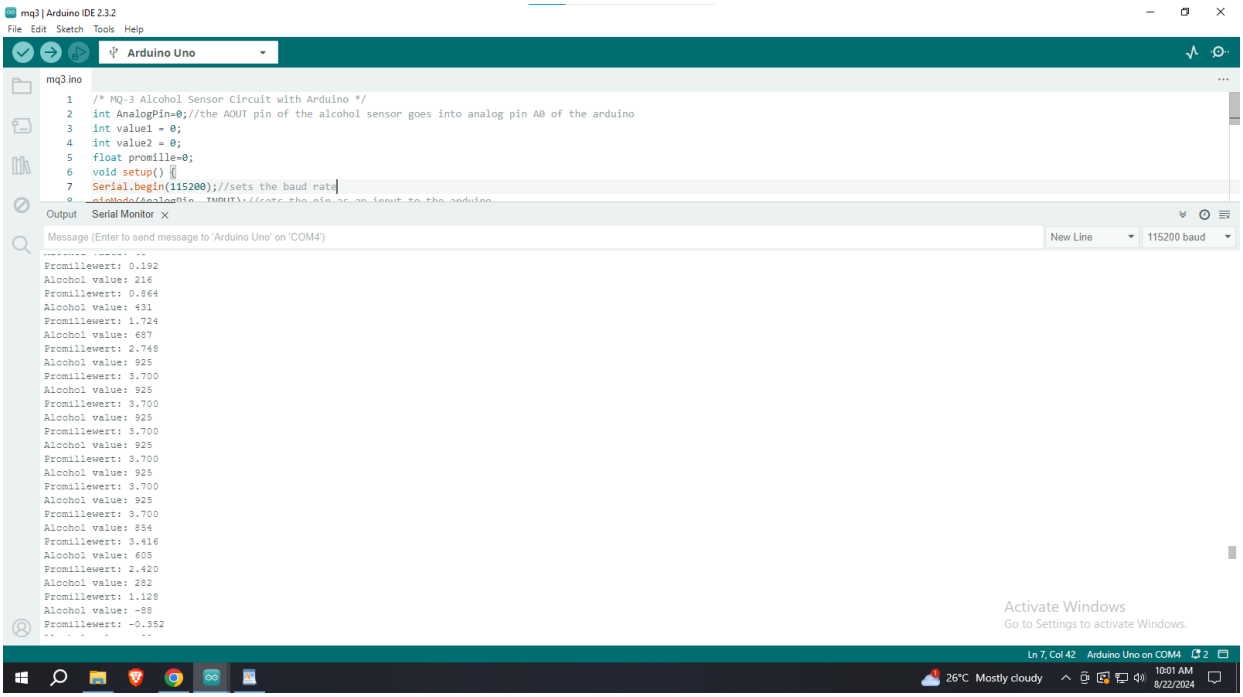
/* MQ-3 Alcohol Sensor Circuit with Arduino */

```
int AnalogPin=0;//the AOUT pin of the alcohol sensor goes into analog pin A0 of the arduino

int value1 = 0;

int value2 = 0;

float promille=0;

void setup() {

Serial.begin(115200);//sets the baud rate

pinMode(AnalogPin, INPUT);//sets the pin as an input to the arduino

delay(100); // this it the pre heat time, maybe not enough, I make a check today


}

void loop()

{

value1= analogRead(AnalogPin);//reads the analaog value from the alcohol sensor's AOUT pin I guess it is Parts per Million

value2=value1 - 98; // here I made a small work around, this sensor has a very long pre heat time, when it is not heated to working temperature, it will show values too high even when there is no alcohol, thats why I removed the amount which was over 0, when no alcohol was next to it

// limit= digitalRead(DOUTpin);//reads the digital value from the alcohol sensor's DOUT pin

Serial.print("Alcohol value: ");

Serial.println(value2);//prints the alcohol value

promille = (0.4/200)*value2*2;

Serial.print("Promillewert: ");

Serial.println(promille,3);

//Serial.print("Limit: ");

//Serial.print(limit);//prints the limit reached as either LOW or HIGH (above or underneath)
```

```
delay(100) ;

}
```


mq3 | Arduino IDE 2.3.2
File Edit Sketch Tools Help
Arduino Uno
mq3.ino
1 /* MQ-3 Alcohol Sensor Circuit with Arduino */
2 int AnalogPin=0;//the AOUT pin of the alcohol sensor goes into analog pin A0 of the arduino
3 int value1 = 0;
4 int value2 = 0;
5 float promille=0;
6 void setup() {
7 Serial.begin(115200);//sets the baud rate
Output Serial Monitor
Message (Enter to send message to 'Arduino Uno' on 'COM4')
New Line
115200 baud
Promillewert: 0.192
Alcohol value: 216
Promillewert: 0.864
Alcohol value: 431
Promillewert: 1.724
Alcohol value: 687
Promillewert: 2.748
Alcohol value: 925
Promillewert: 3.700
Alcohol value: 925
Promillewert: 3.700
Alcohol value: 925
Promillewert: 3.700
Alcohol value: 925
Promillewert: 3.700
Alcohol value: 925
Promillewert: 3.700
Alcohol value: 925
Promillewert: 3.700
Alcohol value: 854
Promillewert: 3.416
Alcohol value: 605
Promillewert: 2.420
Alcohol value: 282
Promillewert: 1.128
Alcohol value: -88
Promillewert: -0.352
Activate Windows
Go to Settings to activate Windows.
Ln 7, Col 42 Arduino Uno on COM4
26°C Mostly cloudy
10:01 AM
8/22/2024