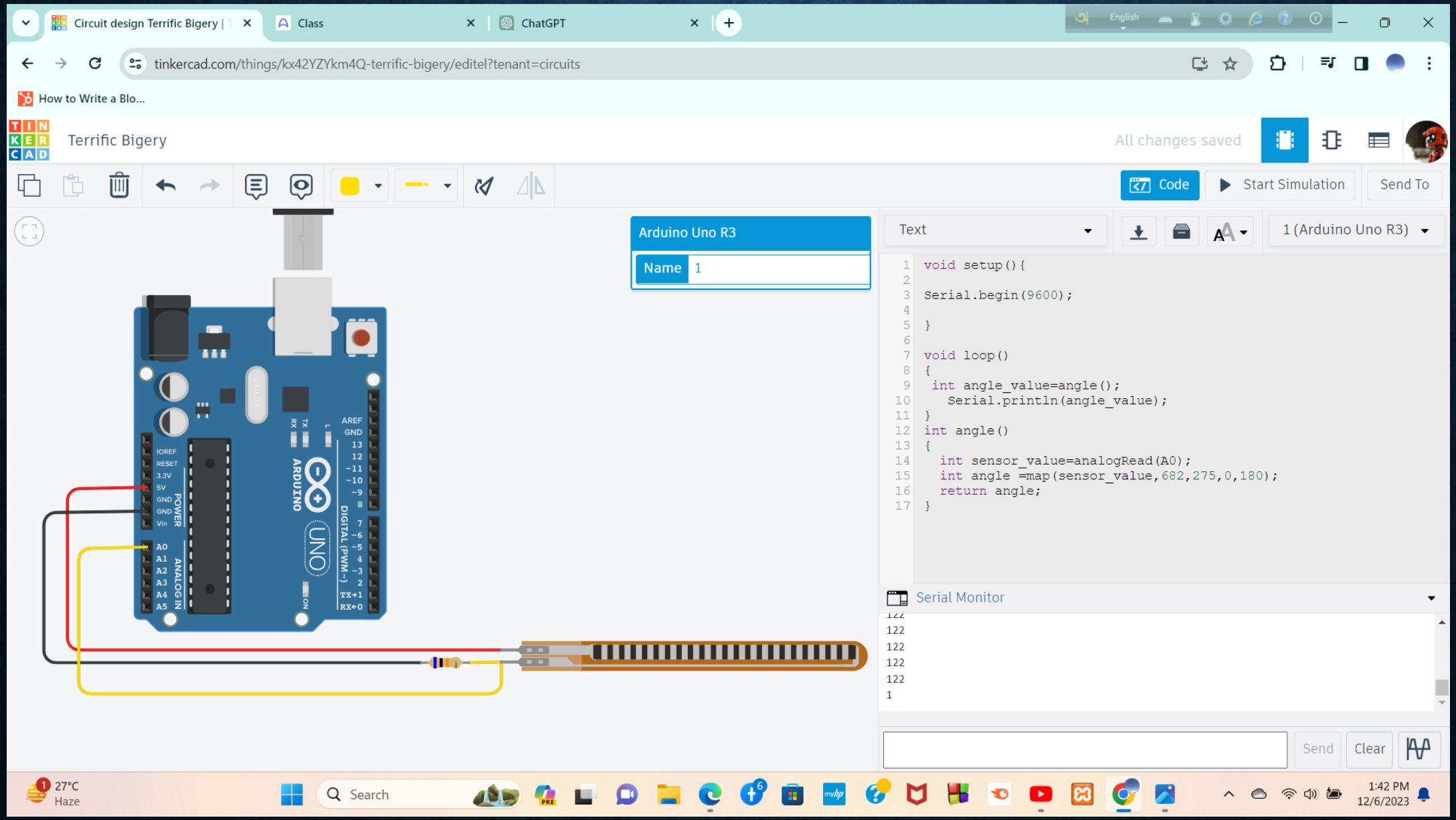
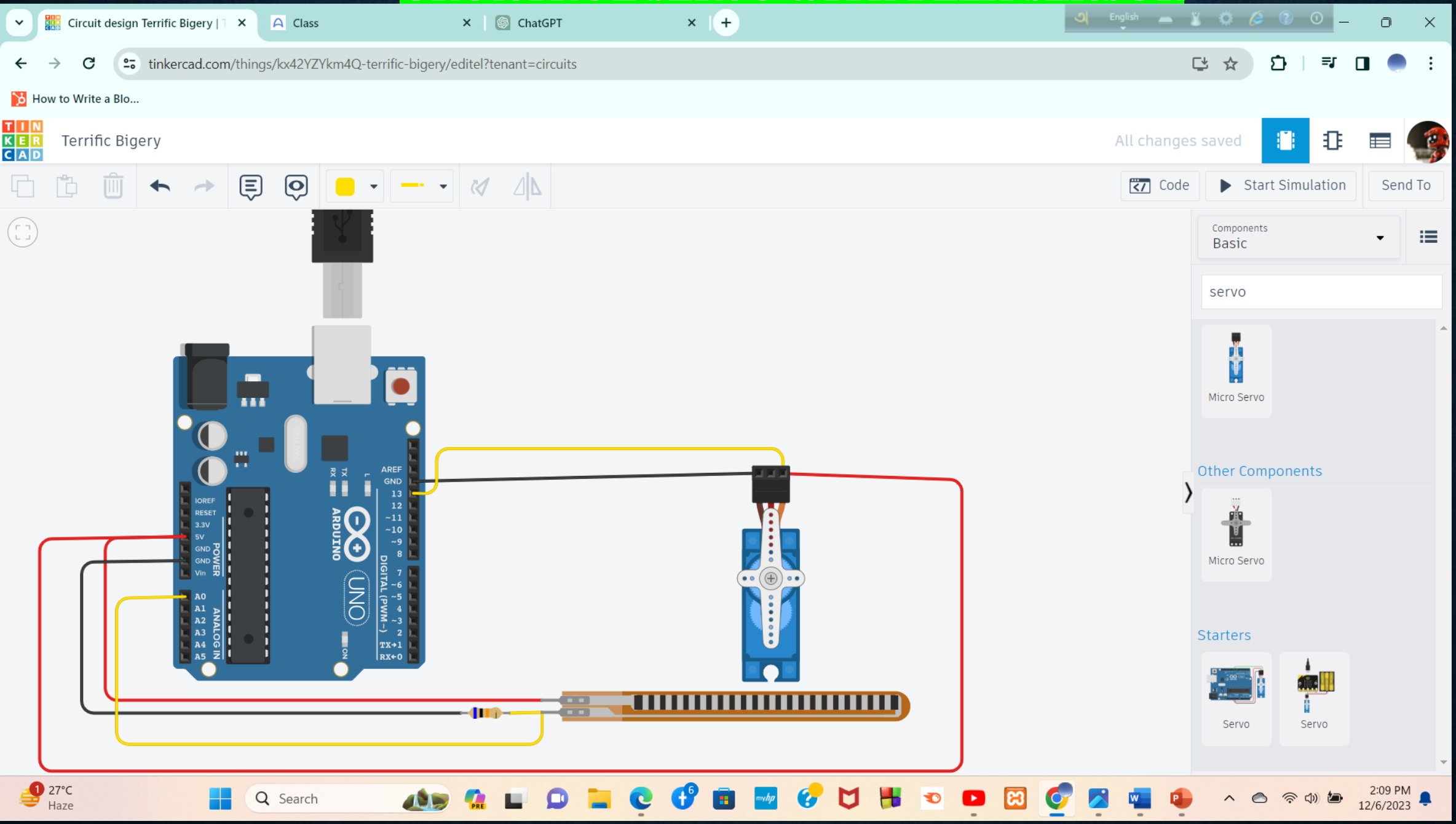
FLEX SENSOR


Circuit design Terrific Bigery
Class
ChatGPT
tinkercad.com/things/kx42YZYkm4Q-terrific-bigery/editel?tenant=circuits
How to Write a Blo...
Terrific Bigery
All changes saved
Code
Start Simulation
Send To
Arduino Uno R3
Name 1
Text
1 (Arduino Uno R3)
1 void setup(){
2
3 Serial.begin(9600);
4
5 }
6
7 void loop()
8 {
9 int angle_value=angle();
10 Serial.println(angle_value);
11 }
12 int angle()
13 {
14 int sensor_value=analogRead(A0);
15 int angle =map(sensor_value,682,275,0,180);
16 return angle;
17 }
Serial Monitor
122
122
122
122
122
1
Send
Clear
27°C
Haze
Search
1:42 PM
12/6/2023

FLEX SENSOR

```
void loop()
{
 int angle_value=angle();
   Serial.println(angle_value);
}
int angle()
{
  int sensor_value=analogRead(A0);
  int angle =map(sensor_value,682,275,0,180);
  return angle;
}
```

CRONTROL SERVO WITH FLEX SENSOR



CRONTROL SERVO WITH FLEX SENSOR

```
#include<Servo.h>
int servo=13;
Servo myServo;


void setup(){

Serial.begin(9600);
  myServo.attach(servo);

}

void loop()
{
 int angle_value=angle();
  myServo.write(angle_value);
   Serial.println(angle_value);
}
int angle()
{
  int sensor_value=analogRead(A0);
  int angle =map(sensor_value,682,275,0,180);
  return angle;
}
```