

Circuit design Amazing Fyran | x WhatsApp

tinkercad.com/things/68n8jjqCwrC-amazing-fyran/editel?tenant=circuits

Amazing Fyran

All changes saved

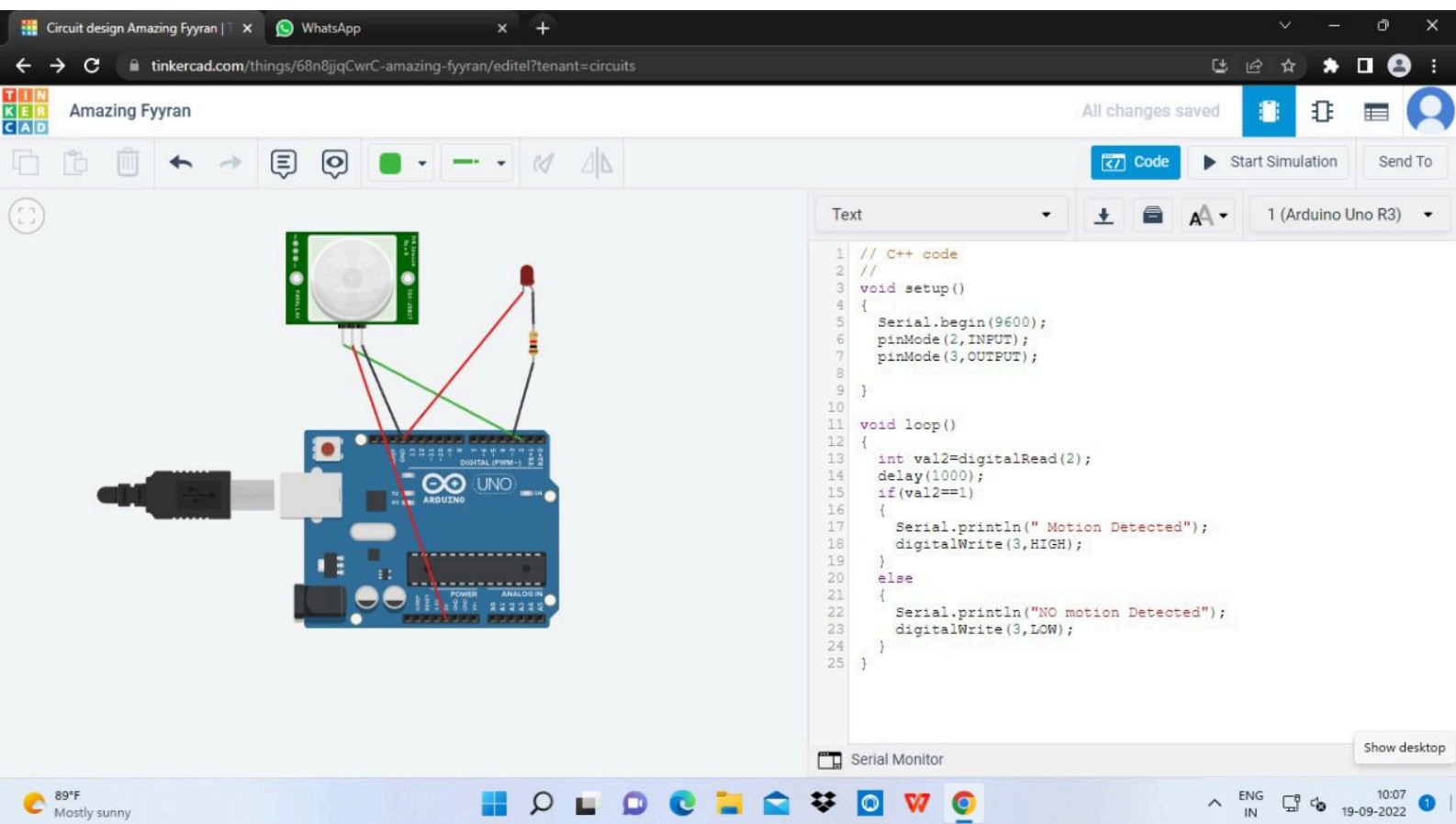
Code Start Simulation Send To

Text

1 (Arduino Uno R3)

```
1 // C++ code
2 //
3 void setup()
4 {
5   Serial.begin(9600);
6   pinMode(2,INPUT);
7   pinMode(3,OUTPUT);
8 }
9
10 void loop()
11 {
12   int val2=digitalRead(2);
13   delay(1000);
14   if(val2==1)
15   {
16     Serial.println(" Motion Detected");
17     digitalWrite(3,HIGH);
18   }
19   else
20   {
21     Serial.println("NO motion Detected");
22     digitalWrite(3,LOW);
23   }
24 }
25 }
```

Serial Monitor Show desktop



Circuit design Amazing Fyran | x WhatsApp x +

tinkercad.com/things/68n8jjqCwrC-amazing-fyran/editel?tenant=circuits

Amazing Fyran

All changes saved

Code Start Simulation Send To

Text 1 (Arduino Uno R3)

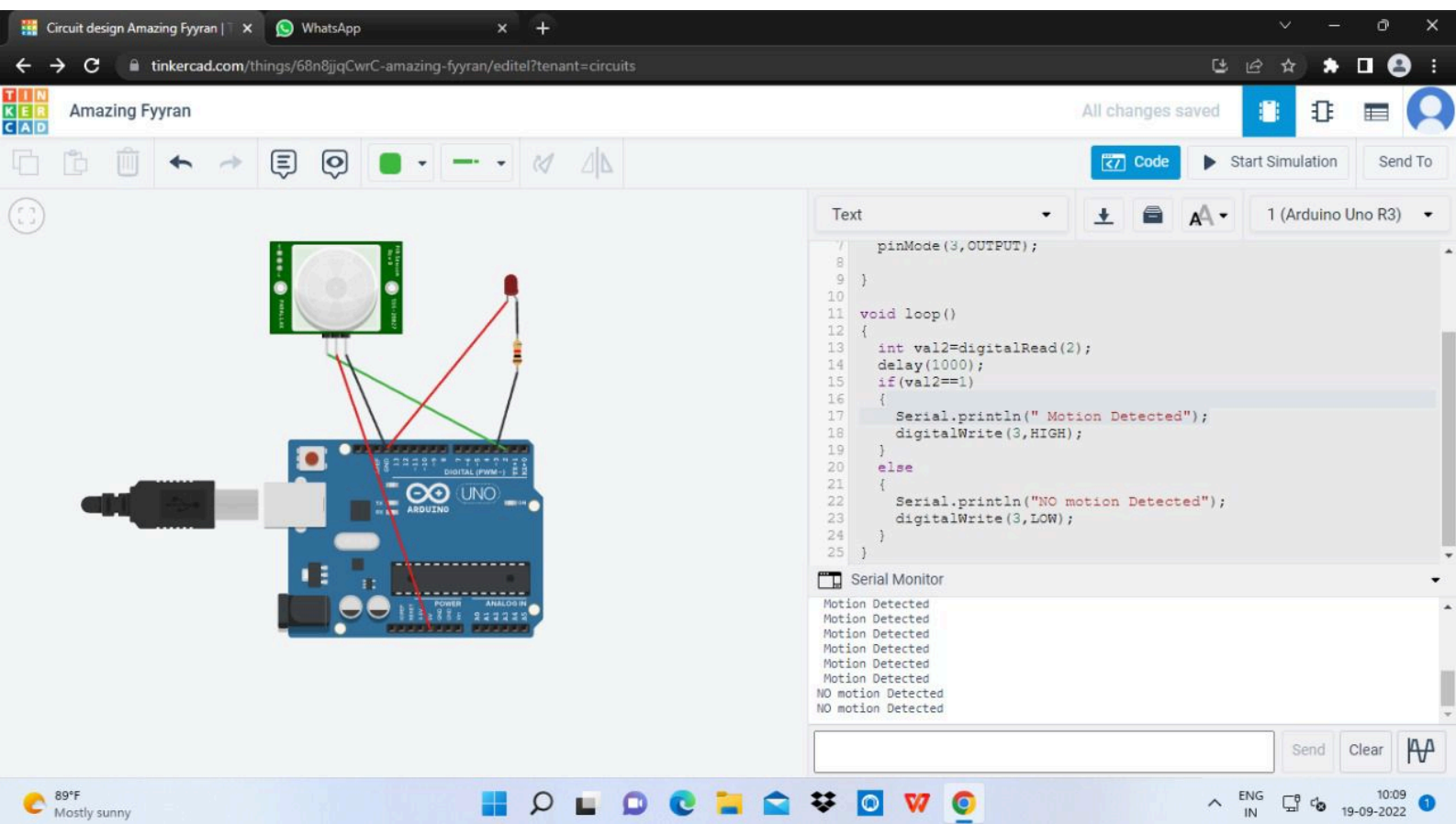
```
7 pinMode(3,OUTPUT);
8
9 }
10
11 void loop()
12 {
13   int val2=digitalRead(2);
14   delay(1000);
15   if(val2==1)
16   {
17     Serial.println(" Motion Detected");
18     digitalWrite(3,HIGH);
19   }
20   else
21   {
22     Serial.println("NO motion Detected");
23     digitalWrite(3,LOW);
24   }
25 }
```

Serial Monitor

Motion Detected  
Motion Detected  
Motion Detected  
Motion Detected  
Motion Detected  
Motion Detected  
Motion Detected  
NO motion Detected  
NO motion Detected

Send Clear

89°F Mostly sunny 10:09 19-09-2022



The image shows a Tinkercad project titled "Amazing Fyran". The circuit consists of an Arduino Uno R3 board connected to a PIR sensor module and a red LED. The PIR sensor's VCC pin is connected to the 5V pin on the Arduino, and its GND pin is connected to a GND pin. The sensor's output pin is connected to digital pin 2 of the Arduino. A 10k pull-down resistor is connected between the output pin and GND. The red LED is connected to digital pin 3 of the Arduino, with its anode to the pin and its cathode to GND. The Arduino is powered by a USB Type-A to micro-USB cable. The code in the right panel is as follows:

```
7 pinMode(3,OUTPUT);
8
9 }
10
11 void loop()
12 {
13   int val2=digitalRead(2);
14   delay(1000);
15   if(val2==1)
16   {
17     Serial.println(" Motion Detected");
18     digitalWrite(3,HIGH);
19   }
20   else
21   {
22     Serial.println("NO motion Detected");
23     digitalWrite(3,LOW);
24   }
25 }
```

The serial monitor shows the output of the code, which is "Motion Detected" followed by "NO motion Detected".

Circuit design Tremendous Amur-Uusam x WhatsApp

tinkercad.com/things/aDqVbAgv73O-tremendous-amur-uusam/editel

Tremendous Amur-Uusam

All changes saved

Code Start Simulation Send To

Text

1 (Arduino Uno R3)

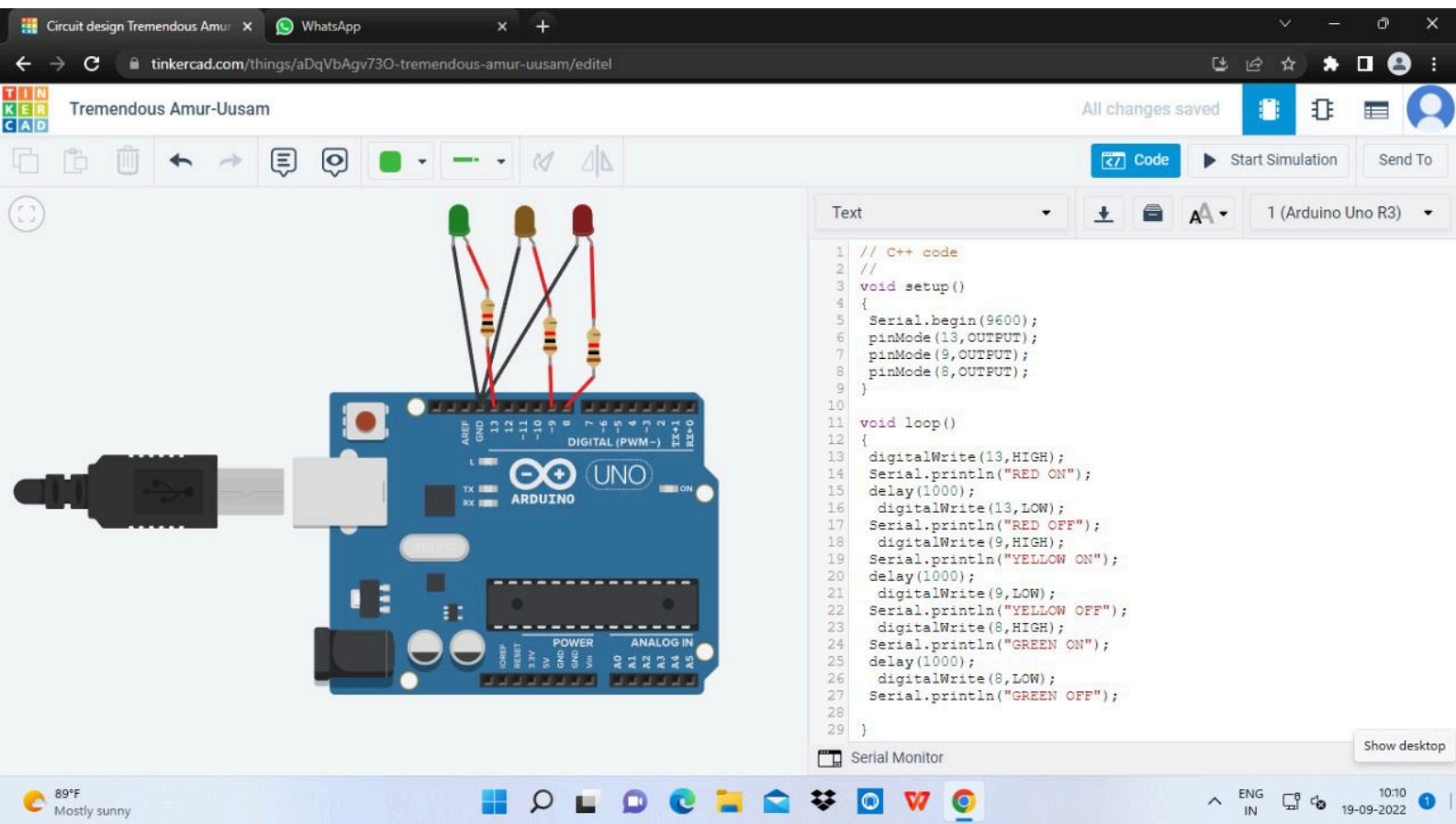
```
1 // C++ code
2 //
3 void setup()
4 {
5   Serial.begin(9600);
6   pinMode(13,OUTPUT);
7   pinMode(9,OUTPUT);
8   pinMode(8,OUTPUT);
9 }
10
11 void loop()
12 {
13   digitalWrite(13,HIGH);
14   Serial.println("RED ON");
15   delay(1000);
16   digitalWrite(13,LOW);
17   Serial.println("RED OFF");
18   digitalWrite(9,HIGH);
19   Serial.println("YELLOW ON");
20   delay(1000);
21   digitalWrite(9,LOW);
22   Serial.println("YELLOW OFF");
23   digitalWrite(8,HIGH);
24   Serial.println("GREEN ON");
25   delay(1000);
26   digitalWrite(8,LOW);
27   Serial.println("GREEN OFF");
28 }
29 }
```

Serial Monitor

Show desktop

89°F Mostly sunny

10:10 19-09-2022



Circuit design Tremendous Amur-Uusam x WhatsApp

tinkercad.com/things/aDqVbAgv73O-tremendous-amur-uusam/editel

Tremendous Amur-Uusam

All changes saved

Simulator time: 00:00:17

Code Stop Simulation Send To

1 (Arduino Uno R3)

```
11 void loop()
12 {
13   digitalWrite(13,HIGH);
14   Serial.println("RED ON");
15   delay(1000);
16   digitalWrite(13,LOW);
17   Serial.println("RED OFF");
18   digitalWrite(9,HIGH);
19   Serial.println("YELLOW ON");
20   delay(1000);
21   digitalWrite(9,LOW);
22   Serial.println("YELLOW OFF");
23   digitalWrite(8,HIGH);
24   Serial.println("GREEN ON");
25   delay(1000);
26   digitalWrite(8,LOW);
27   Serial.println("GREEN OFF");
28 }
29 }
```

Serial Monitor

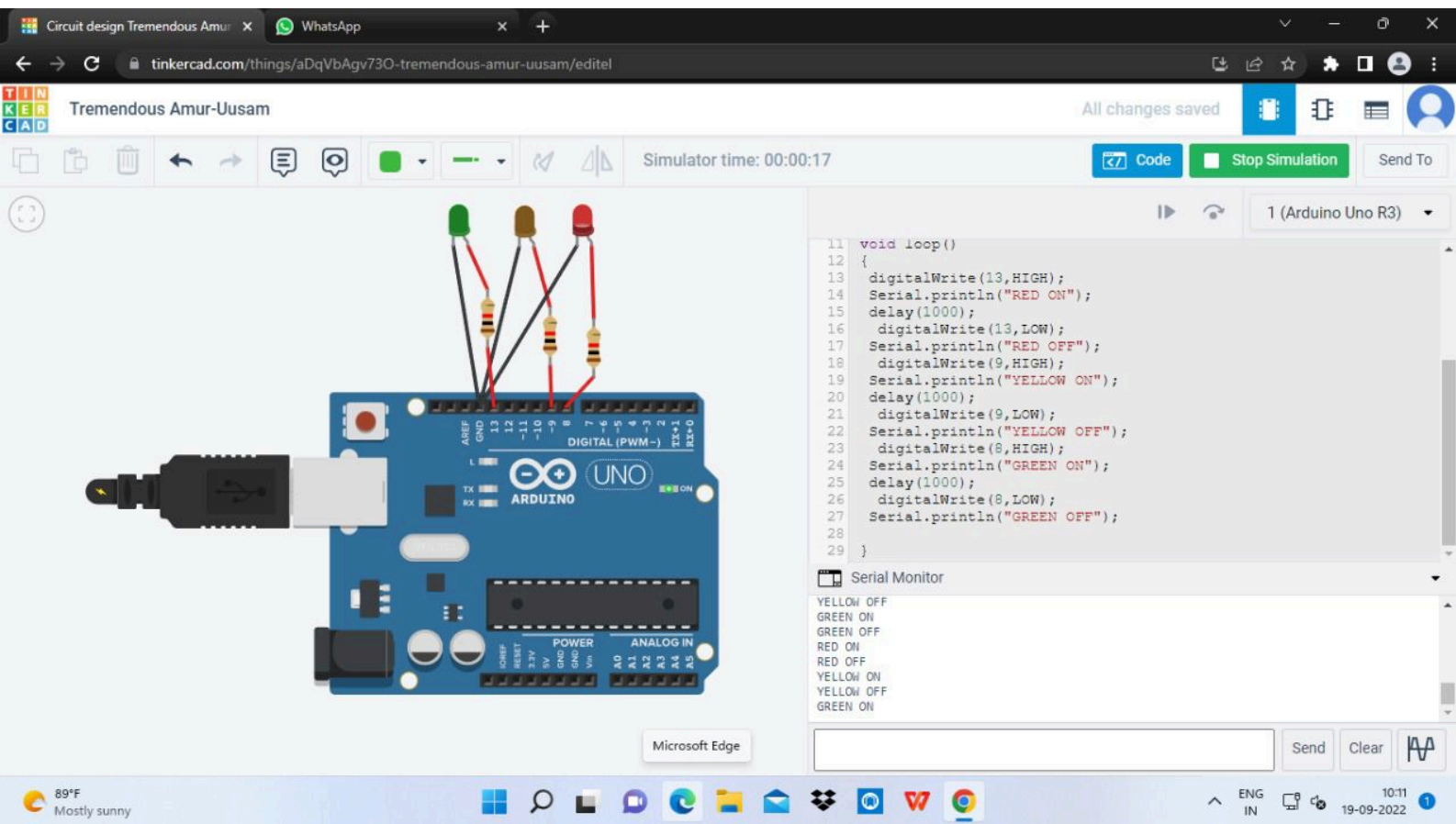
YELLOW OFF  
GREEN ON  
GREEN OFF  
RED ON  
RED OFF  
YELLOW ON  
YELLOW OFF  
GREEN ON

Send Clear

Microsoft Edge

89°F Mostly sunny

10:11 19-09-2022



Circuit design Powerful Rottis | Ti x WhatsApp x +

tinkercad.com/things/7bGBqsogIXL-powerful-rottis/editel

Powerful Rottis

Saved

Code Start Simulation Send To

Text

1 (Arduino Uno R3)

```
1 #include<Servo.h>
2 Servo s;
3 void setup()
4 {
5   s.attach(3);
6 }
7
8 void loop()
9 {
10  s.write(0);
11  delay(1000);
12  s.write(30);
13  delay(1000);
14  s.write(70);
15  delay(1000);
16  s.write(130);
17  delay(1000);
18  s.write(180);
19  delay(1000);
20 }
```

Serial Monitor

Microsoft Edge

89°F Mostly sunny

10:12 19-09-2022

The image shows a Tinkercad workspace with an Arduino Uno R3 board and a servo motor. The servo is connected to the Arduino's digital pins: the brown wire to pin 5V, the red wire to pin GND, and the yellow signal wire to pin 3. The code in the text editor is as follows:

```
1 #include<Servo.h>
2 Servo s;
3 void setup()
4 {
5   s.attach(3);
6 }
7
8 void loop()
9 {
10  s.write(0);
11  delay(1000);
12  s.write(30);
13  delay(1000);
14  s.write(70);
15  delay(1000);
16  s.write(130);
17  delay(1000);
18  s.write(180);
19  delay(1000);
20 }
```

The serial monitor is open at the bottom, and the temperature is 89°F. The date and time are 10:12 on 19-09-2022.

Circuit design Powerful Rottis | Tinkercad | WhatsApp

tinkercad.com/things/7bGBqsogIXL-powerful-rottis/editel

Powerful Rottis

Simulator time: 00:00:20

Code Stop Simulation Send To

1 (Arduino Uno R3)

```
1 #include<Servo.h>
2 Servo s;
3 void setup()
4 {
5   s.attach(3);
6 }
7
8 void loop()
9 {
10  s.write(0);
11  delay(1000);
12  s.write(30);
13  delay(1000);
14  s.write(70);
15  delay(1000);
16  s.write(130);
17  delay(1000);
18  s.write(180);
19  delay(1000);
20 }
```

Serial Monitor

The image shows a Tinkercad workspace with an Arduino Uno R3 board connected to a servo motor. The servo is connected to digital pin 3 of the Arduino. The code in the editor is as follows:

```
1 #include<Servo.h>
2 Servo s;
3 void setup()
4 {
5   s.attach(3);
6 }
7
8 void loop()
9 {
10  s.write(0);
11  delay(1000);
12  s.write(30);
13  delay(1000);
14  s.write(70);
15  delay(1000);
16  s.write(130);
17  delay(1000);
18  s.write(180);
19  delay(1000);
20 }
```

The status bar at the bottom indicates a temperature of 89°F, mostly sunny weather, and the system time is 10:13 on 19-09-2022.

Circuit design Surprising Wluff | x WhatsApp x +

tinkercad.com/things/iKRLqQle7lx-surprising-wluff/edit#t=components

Surprising Wluff

All changes saved

Code Start Simulation Send To

Text

1 (Arduino Uno R3)

```
1 void setup()
2 {
3   Serial.begin(9600);
4 }
5
6 void loop()
7 {
8   double a = analogRead(A0);
9   Serial.print("Analog value: ");
10  Serial.println(a);
11  double ca = a/1024;
12  Serial.print("converted analog value: ");
13  Serial.println(ca);
14  double v = ca * 5;
15  Serial.print("voltage value: ");
16  Serial.println(v);
17  double c = v-0.5;
18  Serial.println("offset value: ");
19  Serial.println(0);
20  double c0 = 0*100;
21  Serial.print("celsius value: ");
22  Serial.println(c);
23  delay(2000);
24 }
```

Dropbox promotion

89°F Mostly sunny

10:14 19-09-2022



Circuit design Surprising Wluff | x WhatsApp x +

tinkercad.com/things/iKRLqQle7lx-surprising-wluff/edit#t=project

Surprising Wluff

All changes saved

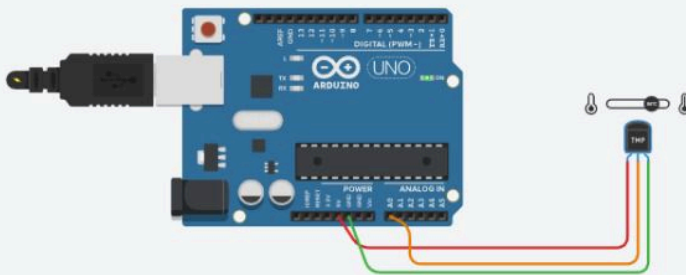
Simulator time: 00:00:30

Code Stop Simulation Send To

1 (Arduino Uno R3)

Temperature Sensor [TMP36]

Name 2



```
void loop()
{
  double a = analogRead(A0);
  Serial.print("Analog value: ");
  Serial.println(a);
  double ca = a/1024;
  Serial.print("converted analog value: ");
  Serial.println(ca);
  double v = ca * 5;
  Serial.print("voltage value: ");
  Serial.println(v);
  double c=v-0.5;
  Serial.println("offset value: ");
  Serial.println(0);
  double c=c*100;
  Serial.print("celsius value: ");
  Serial.println(c);
  delay(2000);
}
```

Serial Monitor

0  
celsius value: 0.00  
Analog value: 274.00  
converted analog value: 0.27  
voltage value: 1.34  
offset value:  
0  
celsius value: 0.00

Send Clear

89°F Mostly sunny

ENG IN 10:15 19-09-2022