

FLEX SENSOR

Circuit design Terrific Bigery | x Class ChatGPT

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How to Write a Blo...

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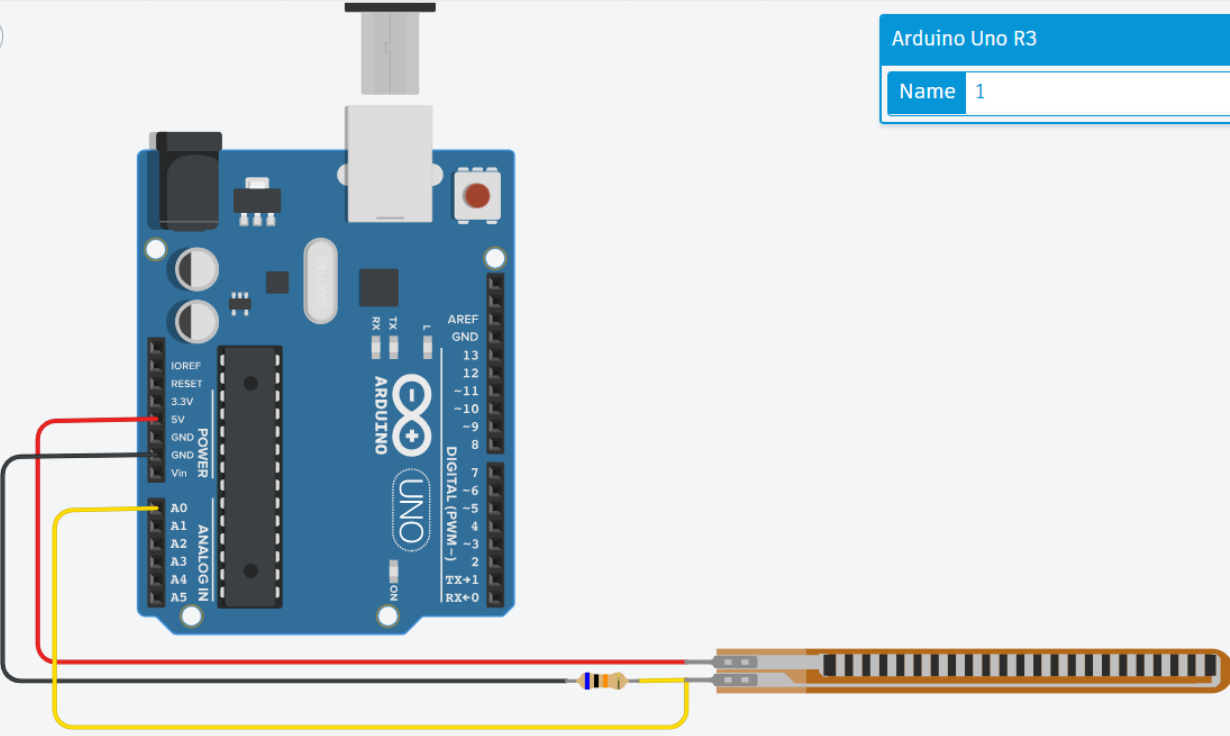
All changes saved

Code Start Simulation Send To

Text 1 (Arduino Uno R3)

Arduino Uno R3

Name 1



```
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
1

Send Clear

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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

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Components Basic

servo

Micro Servo

Other Components

Micro Servo

Starters

Servo Servo

The diagram shows an Arduino Uno microcontroller board connected to a servo motor and a flex sensor. The servo motor is connected to digital pins 2, 3, and 4. The flex sensor is connected to analog pins A0, A1, and A2. The servo is also connected to a power source. The circuit is designed to control the servo motor based on the input from the flex sensor.

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Search

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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;
}
```