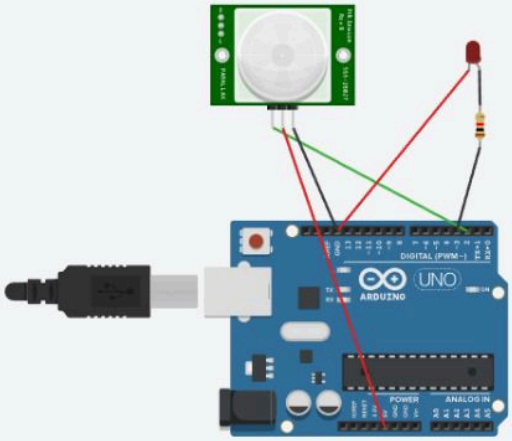
Circuit design Amazing Fyyran | WhatsApp

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

Amazing Fyyran

All changes saved

Code | Start Simulation | Send To



Text | 1 (Arduino Uno R3)

```
// C++ code
//
void setup()
{
  Serial.begin(9600);
  pinMode(2,INPUT);
  pinMode(3,OUTPUT);

}

void loop()
{
  int val2=digitalRead(2);
  delay(1000);
  if(val2==1)
  {
    Serial.println(" Motion Detected");
    digitalWrite(3,HIGH);
  }
  else
  {
    Serial.println("NO motion Detected");
    digitalWrite(3,LOW);
  }
}
```

Serial Monitor

Show desktop

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Amazing Fyyran

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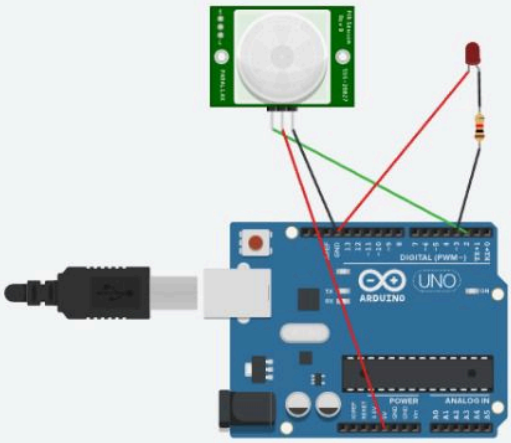
Code | Start Simulation | Send To



Text | 1 (Arduino Uno R3)

```
  pinMode(3,OUTPUT);

}

void loop()
{
  int val2=digitalRead(2);
  delay(1000);
  if(val2==1)
  {
    Serial.println(" Motion Detected");
    digitalWrite(3,HIGH);
  }
  else
  {
    Serial.println("NO motion Detected");
    digitalWrite(3,LOW);
  }
}
```

Serial Monitor

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

Send | Clear

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19-09-2022

Circuit design Tremendous Amur | WhatsApp

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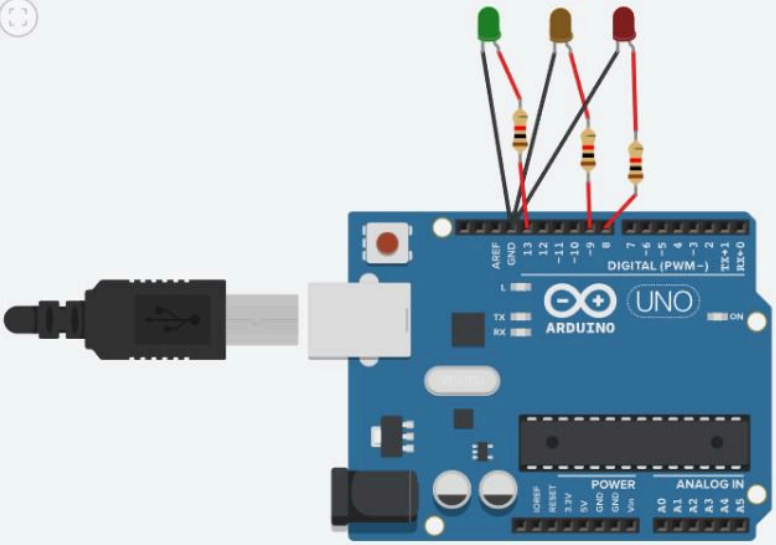
Tremendous Amur-Uusam

All changes saved

Code | Start Simulation | Send To



Text | 1 (Arduino Uno R3)

```
// C++ code
//
void setup()
{
 Serial.begin(9600);
 pinMode(13,OUTPUT);
 pinMode(9,OUTPUT);
 pinMode(8,OUTPUT);
}

void loop()
{
 digitalWrite(13,HIGH);
 Serial.println("RED ON");
 delay(1000);
  digitalWrite(13,LOW);
 Serial.println("RED OFF");
  digitalWrite(9,HIGH);
 Serial.println("YELLOW ON");
 delay(1000);
  digitalWrite(9,LOW);
 Serial.println("YELLOW OFF");
  digitalWrite(8,HIGH);
 Serial.println("GREEN ON");
 delay(1000);
  digitalWrite(8,LOW);
 Serial.println("GREEN OFF");

}
```

Serial Monitor

Show desktop

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Circuit design Tremendous Amur | WhatsApp

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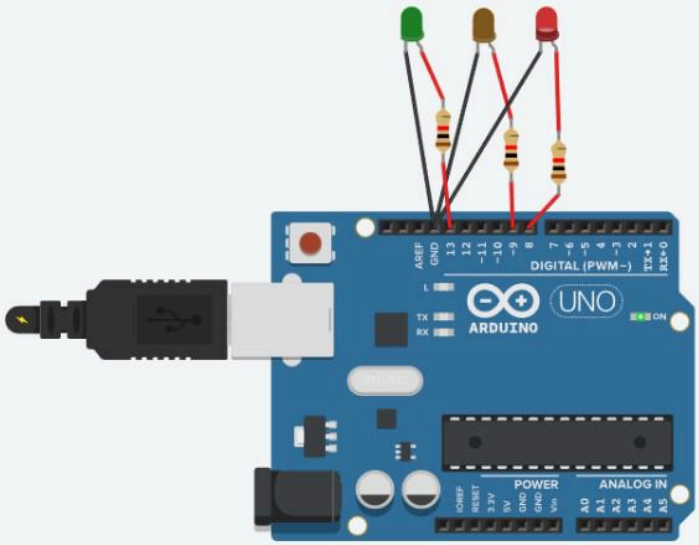
Tremendous Amur-Uusam

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
```

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Microsoft Edge

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Circuit design Powerful Rottis | Ti

WhatsApp

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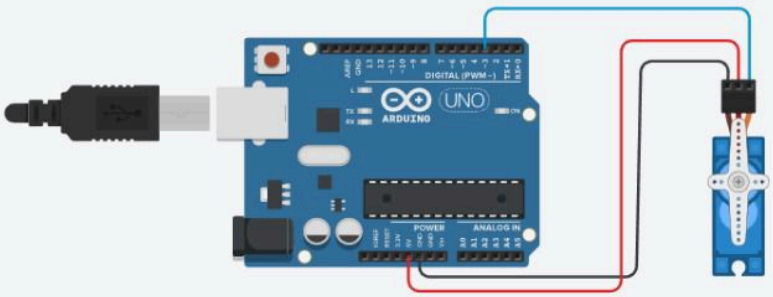
Powerful Rottis

Saved

Code

Start Simulation

Send To



Text

1 (Arduino Uno R3)

```
#include<Servo.h>
Servo s;
void setup()
{
  s.attach(3);
}

void loop()
{
   s.write(0);
  delay(1000);
   s.write(30);
  delay(1000);
  s.write(70);
  delay(1000);
   s.write(130);
  delay(1000);
   s.write(180);
  delay(1000);
}
```

Microsoft Edge

Serial Monitor

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Circuit design Powerful Rottis | Ti

WhatsApp

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Powerful Rottis

Saved

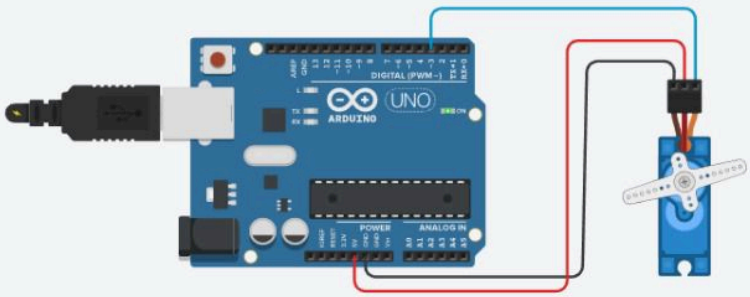
Simulator time: 00:00:20

Code

Stop Simulation

Send To

1 (Arduino Uno R3)




```
#include<Servo.h>
Servo s;
void setup()
{
  s.attach(3);
}

void loop()
{
   s.write(0);
  delay(1000);
   s.write(30);
  delay(1000);
  s.write(70);
  delay(1000);
   s.write(130);
  delay(1000);
   s.write(180);
  delay(1000);
}
```

Serial Monitor

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19-09-2022

Circuit design Surprising Wluff | WhatsApp

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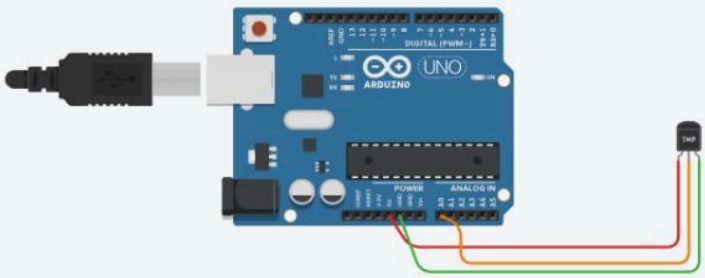
Surprising Wluff

All changes saved

Code | Start Simulation | Send To



Text | 1 (Arduino Uno R3)

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

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 o=v-0.5;
  Serial.println("offset value: ");
  Serial.println(0);
  double  c=0*100;
  Serial.print("celsius value: ");
  Serial.println(c);
  delay(2000);
}
```

Dropbox promotion

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Circuit design Surprising Wluff | WhatsApp

tinkercad.com/things/iKRLqQle7kx-surprising-wluff/editel

Surprising Wluff

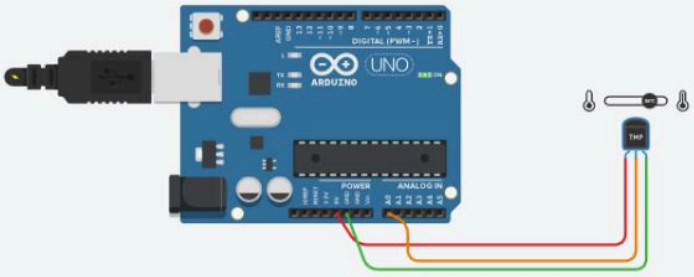
All changes saved

Simulator time: 00:00:30

Code | Stop Simulation | Send To

Temperature Sensor [TMP36]

Name 2



1 (Arduino Uno R3)

```
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 o=v-0.5;
18   Serial.println("offset value: ");
19   Serial.println(0);
20   double  c=0*100;
21   Serial.print("celsius value: ");
22   Serial.println(c);
23   delay(2000);
24 }
```

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

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