



Circuit design Incredible Esboo | x Circuit design Smashing KrunK-Lahdi | x

tinkercad.com/things/bsxpYvVigZD-smashing-krunK-lahdi/editel?tenant=circuits

Smashing KrunK-Lahdi

All changes saved

Simulator time: 00:04:55

Code Stop Simulation Send To

1 (Arduino Uno R3)

PIR Sensor

Name 1

```
1 float x,y;
2 void setup()
3 {
4   pinMode(8,INPUT);
5   pinMode(5,OUTPUT);
6   pinMode(A5,INPUT);
7   Serial.begin(9600);
8 }
9
10 void loop()
11 {
12   x= digitalRead(8);
13   y= analogRead(A5);
14   Serial.println(x);
15   Serial.println(y);
16   if((x>0) && (y<550))
17   {
18     digitalWrite(5,HIGH);
19     delay(5000);
20   }
21   else
22     digitalWrite(5,0);
23     delay(1000);
24 }
25 }
```

Serial Monitor

Type here to search

10:42 13-09-2022

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Smashing KrunK-Lahdi

All changes saved

Simulator time: 00:04:21

Code Stop Simulation Send To

Components Basic

bulb

Other Components

Light bulb

The image shows a Tinkercad circuit simulation. An Arduino Uno is connected to a PIR sensor (labeled 'PIR Sensor' and 'Name 1'). The PIR sensor is connected to a light bulb. A 7.00V power source is connected to the circuit, showing a current of 146 mA. The circuit is connected to a USB cable. The interface includes a toolbar with various tools and a component list on the right. The component list shows 'Components Basic' and 'Other Components' with a 'Light bulb' component.

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Smashing KrunK-Lahdi

All changes saved

Simulator time: 00:00:44

Code Stop Simulation Send To

1 (Arduino Uno R3)

PIR Sensor
Name 1

```
1 float x,y;
2 void setup()
3 {
4   pinMode(8,INPUT);
5   pinMode(5,OUTPUT);
6   pinMode(A5,INPUT);
7   Serial.begin(9600);
8 }
9
10 void loop()
11 {
12   x= digitalRead(8);
13   y= analogRead(A5);
14   Serial.println(x);
15   Serial.println(y);
16   if((x>0) && (y<550)){
17     {
18       digitalWrite(5,HIGH);
19       delay(5000);
20     }
21   }
22 }
```

Serial Monitor

0.00
323.00
0.00
323.00
0.00
323.00
1.00
323.00

Type here to search

10:53
13-09-2022

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Smashing KrunK-Lahdi

All changes saved

Simulator time: 00:02:05

Code Stop Simulation Send To

1 (Arduino Uno R3)

PIR Sensor

Name 1

```
1 float x,y;
2 void setup()
3 {
4   pinMode(8,INPUT);
5   pinMode(5,OUTPUT);
6   pinMode(A5,INPUT);
7   Serial.begin(9600);
8 }
9
10 void loop()
11 {
12   x= digitalRead(8);
13   y= analogRead(A5);
14   Serial.println(x);
15   Serial.println(y);
16   if((x>0) && (y<550))
17   {
18     digitalWrite(5,HIGH);
19     delay(5000);
20   }
21 }
```

Serial Monitor

1.00
517.00
1.00
517.00
1.00
517.00
1.00
517.00

Send Clear

Type here to search

10:57
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Circuit design Incredible Esboo | x Circuit design Smashing KrunK-Lahdi x +

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Smashing KrunK-Lahdi

All changes saved

Simulator time: 00:05:50

Code Stop Simulation Send To

1 (Arduino Uno R3)

PIR Sensor

Name 1

```
1 float x,y;
2 void setup()
3 {
4   pinMode(8,INPUT);
5   pinMode(5,OUTPUT);
6   pinMode(A5,INPUT);
7   Serial.begin(9600);
8 }
9
10 void loop()
11 {
12   x= digitalRead(8);
13   y= analogRead(A5);
14   Serial.println(x);
15   Serial.println(y);
16   if((x>0) && (y<550))
17   {
18     digitalWrite(5,HIGH);
19     delay(5000);
20   }
21 }
```

Serial Monitor

0.00
679.00
0.00
679.00
0.00
679.00
0.00
679.00

Type here to search

10:43
13-09-2022

