

Name	Quantity	Component
U1	1	Arduino Uno R3
D1	1	Red LED
R1	1	1 kΩ Resistor
Rpot1	1	250 kΩ Potentiometer

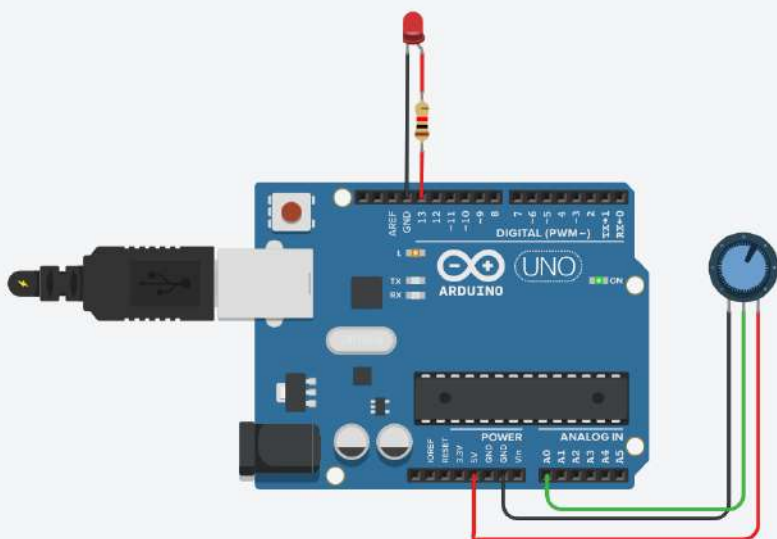


Simulator time: 00:00:42

Code

Stop Simulation

Send To



1 (Arduino Uno R3)

```
1 int sensorPin = A0;
2 int ledPin = 13;
3 int sensorValue = 0;
4 void setup() {
5   pinMode(ledPin, OUTPUT);
6 }
7 void loop() {
8   sensorValue = analogRead(sensorPin);
9   digitalWrite(ledPin, HIGH);
10  delay(sensorValue);
11  digitalWrite(ledPin, LOW);
12  delay(sensorValue);
13 }
```

Serial Monitor