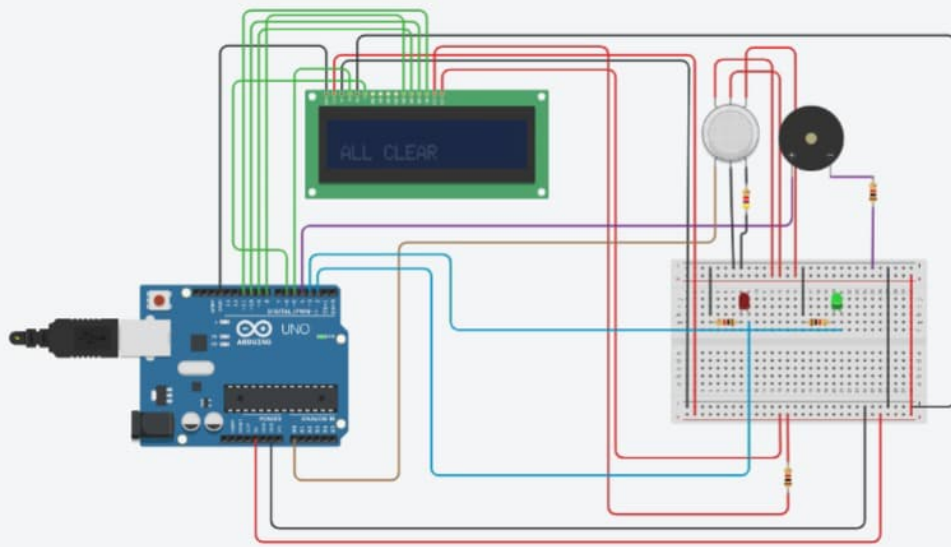




Simulator time: 00:00:29

 Code Stop Simulation Send To

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Component
Basic

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Resistor



LED



Pushbutton



Potentiometer



Capacitor



Slideswitch



9V Battery

Coin Cell 3V
Battery

1.5V Battery

Breadboard
Small

micro:bit

Arduino Uno
R3

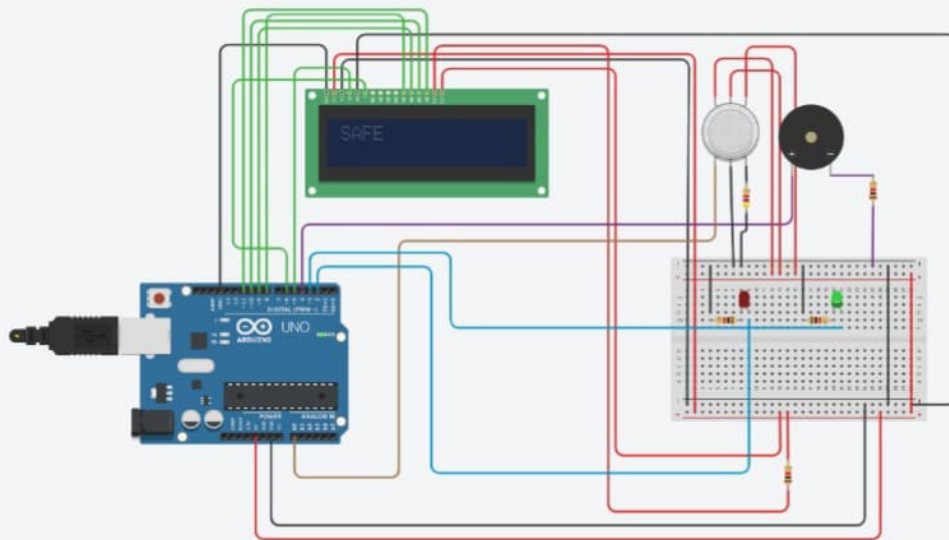


Simulator time: 00:00:30

Code

Stop Simulation

Send To

Components
Basic

Search



Resistor



LED



Pushbutton



Potentiometer



Capacitor



Slideswitch



9V Battery

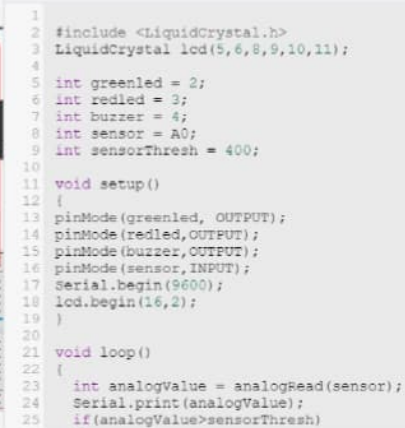
Coin Cell 3V
Battery

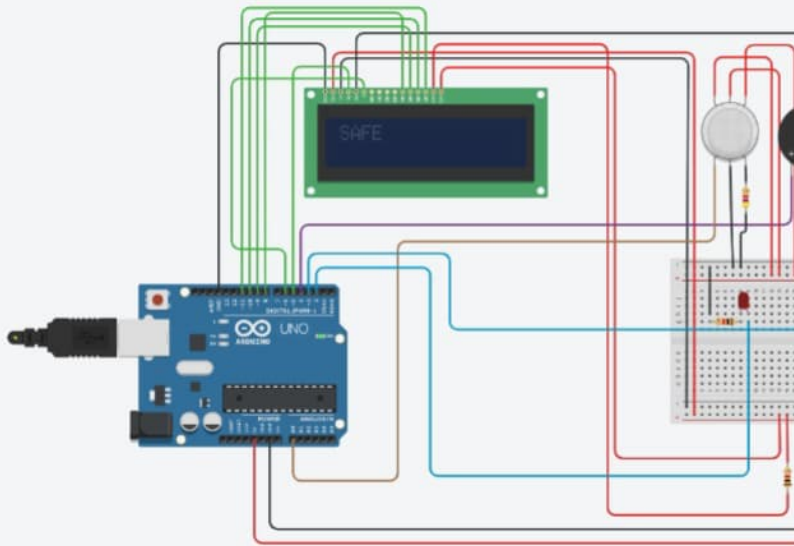
1.5V Battery

Breadboard
Small

micro:bit

Arduino Uno
R3

[illegible]



```
1
2 #include <LiquidCrystal.h>
3 LiquidCrystal lcd(5,6,8,9,10,11);
4
5 int greenled = 2;
6 int redled = 3;
7 int buzzer = 4;
8 int sensor = A0;
9 int sensorThresh = 400;
10
11 void setup()
12 {
13   pinMode(greenled, OUTPUT);
14   pinMode(redled, OUTPUT);
15   pinMode(buzzer, OUTPUT);
16   pinMode(sensor, INPUT);
17   Serial.begin(9600);
18   lcd.begin(16, 2);
19 }
20
21 void loop()
22 {
23   int analogValue = analogRead(sensor);
24   Serial.print(analogValue);
25   if (analogValue > sensorThresh)
26   {
27     digitalWrite(greenled, HIGH);
28     digitalWrite(redled, LOW);
29     tone(buzzer, 1000, 10000);
30     lcd.clear();
31     lcd.setCursor(0, 1);
32     lcd.print("ALERT");
33     delay(1000);
34     lcd.clear();
35     lcd.setCursor(0, 1);
36     lcd.print("EVACUATE");
```

1 (Arduino Uno R3)

[illegible]

Clear



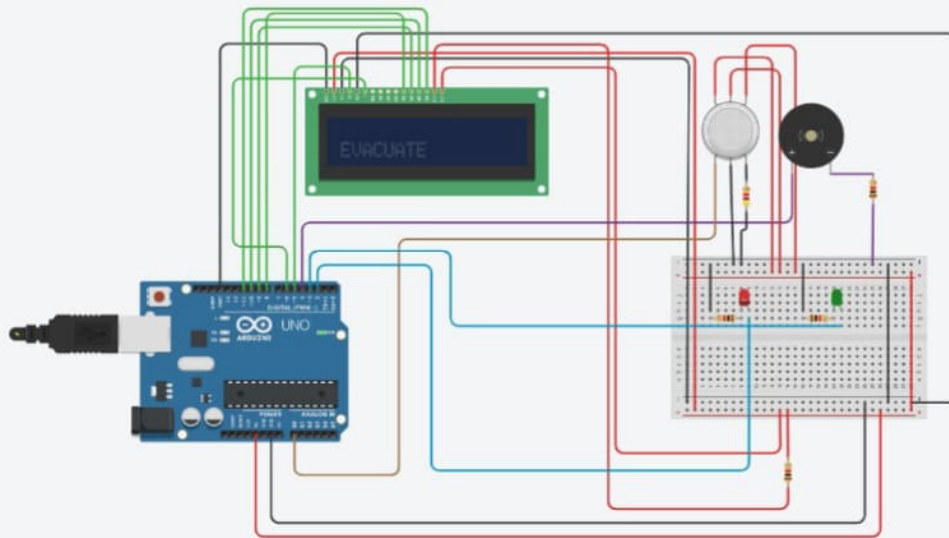


Simulator time: 00:00:03

Code

Stop Simulation

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Components
Basic

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Resistor



LED



Pushbutton



Potentiometer



Capacitor



Slideswitch



9V Battery

Coin Cell 3V
Battery

1.5V Battery

Breadboard
Small

micro:bit

Arduino Uno
R3

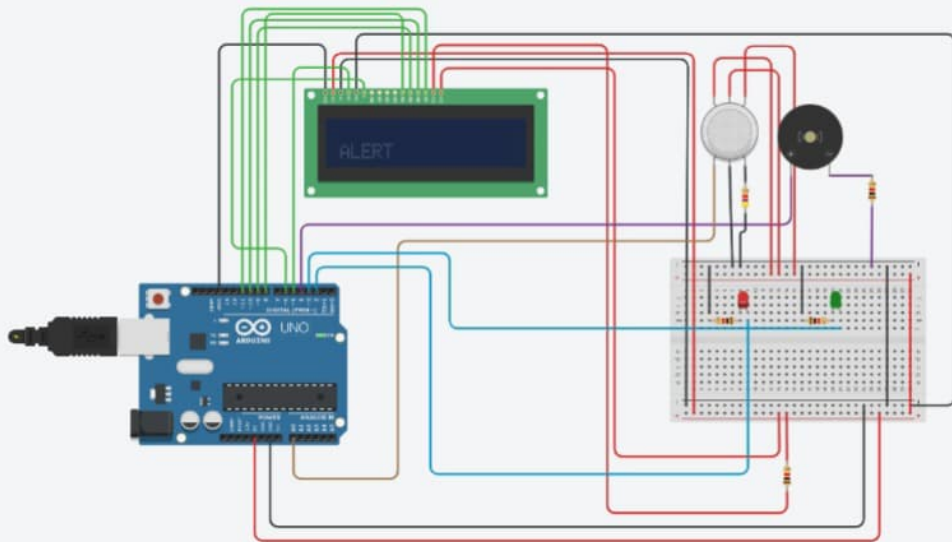


Simulator time: 00:00:02

Code

Stop Simulation

Send To



Search



Resistor



LED



Pushbutton



Potentiometer



Capacitor



Slideswitch



9V Battery



Coin Cell 3V Battery



1.5V Battery



Breadboard Small



micro:bit



Arduino Uno R3