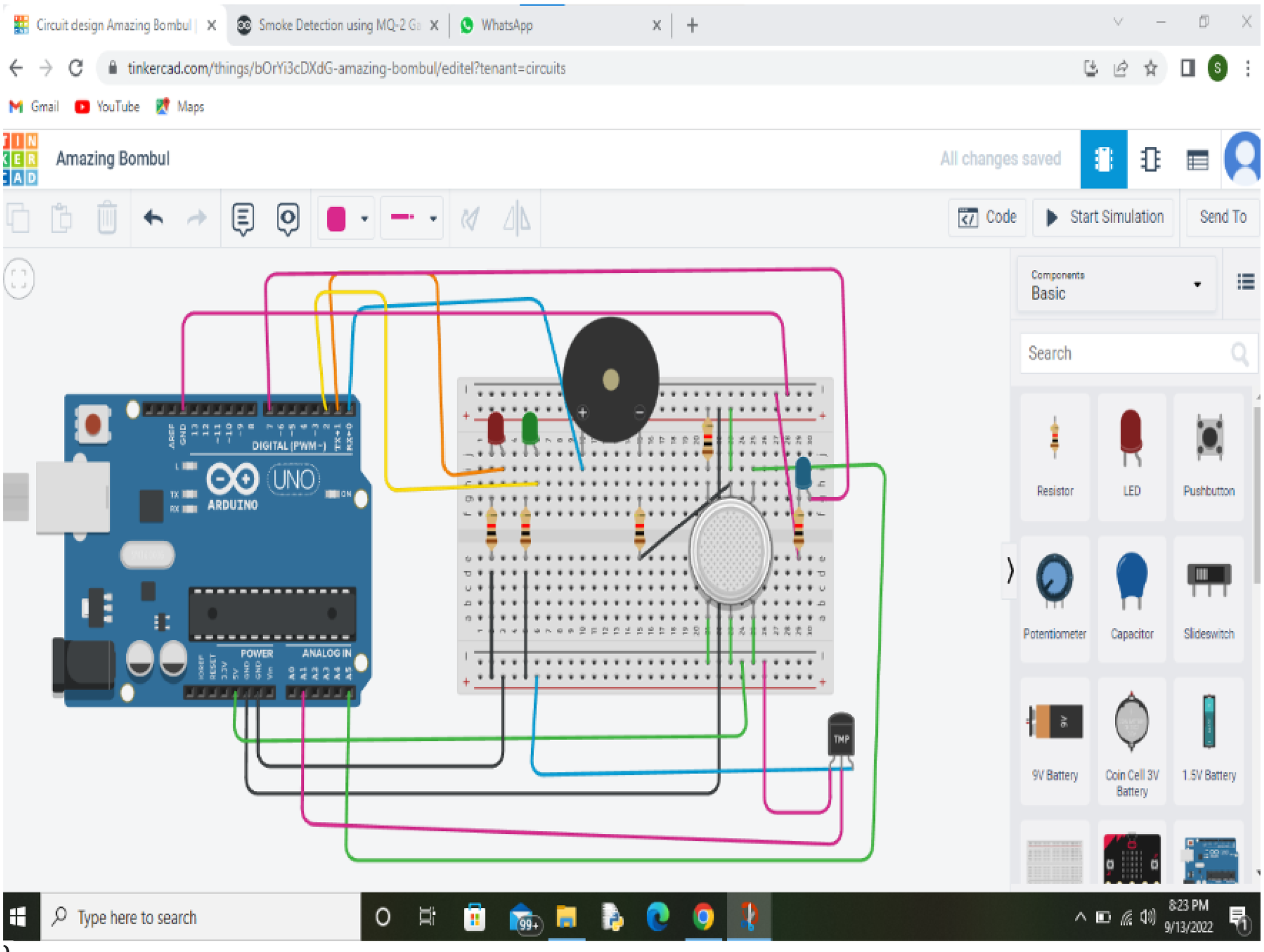
```
int redLed = 1;

int greenLed = 2;

int buzzer = 0;

int smokeA0 = A5;

int temperature = A1;

int blueLed = 7;

int sensorThres = 400;
```

```
void setup() {
  pinMode(redLed, OUTPUT);
  pinMode(greenLed, OUTPUT);
  pinMode(buzzer, OUTPUT);
  pinMode(blueLed, OUTPUT);
  pinMode(smokeA0, INPUT);
  pinMode(temperature, INPUT);
  Serial.begin(9600);
}
```

```
void loop() {
  int analogSensor = analogRead(smokeA0);
  int analogSensor1 = analogRead(temperature);
  Serial.print("Pin A5:");
  Serial.print("Pin A1:");
  Serial.println(analogSensor);
  Serial.println(analogSensor);
```

```
if (analogSensor > sensorThres || analogSensor1 > 23)
{
  digitalWrite(redLed, HIGH);
  digitalWrite(greenLed, LOW);
  digitalWrite(blueLed,HIGH);
  tone(buzzer, 1000, 200);
}
else
{
  digitalWrite(redLed, LOW);
  digitalWrite(greenLed, HIGH);
  digitalWrite(blueLed, LOW);
  noTone(buzzer);
}
delay(100);
```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Smoke Detection using MQ-2 Ga
WhatsApp
tinkercad.com/things/bOrYi3cDXdG-amazing-bombul/editel?tenant=circuits
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All changes saved
Code
Start Simulation
Send To
Components
Basic
Search
Resistor
LED
Pushbutton
Potentiometer
Capacitor
Slideswitch
9V Battery
Coin Cell 3V Battery
1.5V Battery
DIGITAL (PWM~)
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}