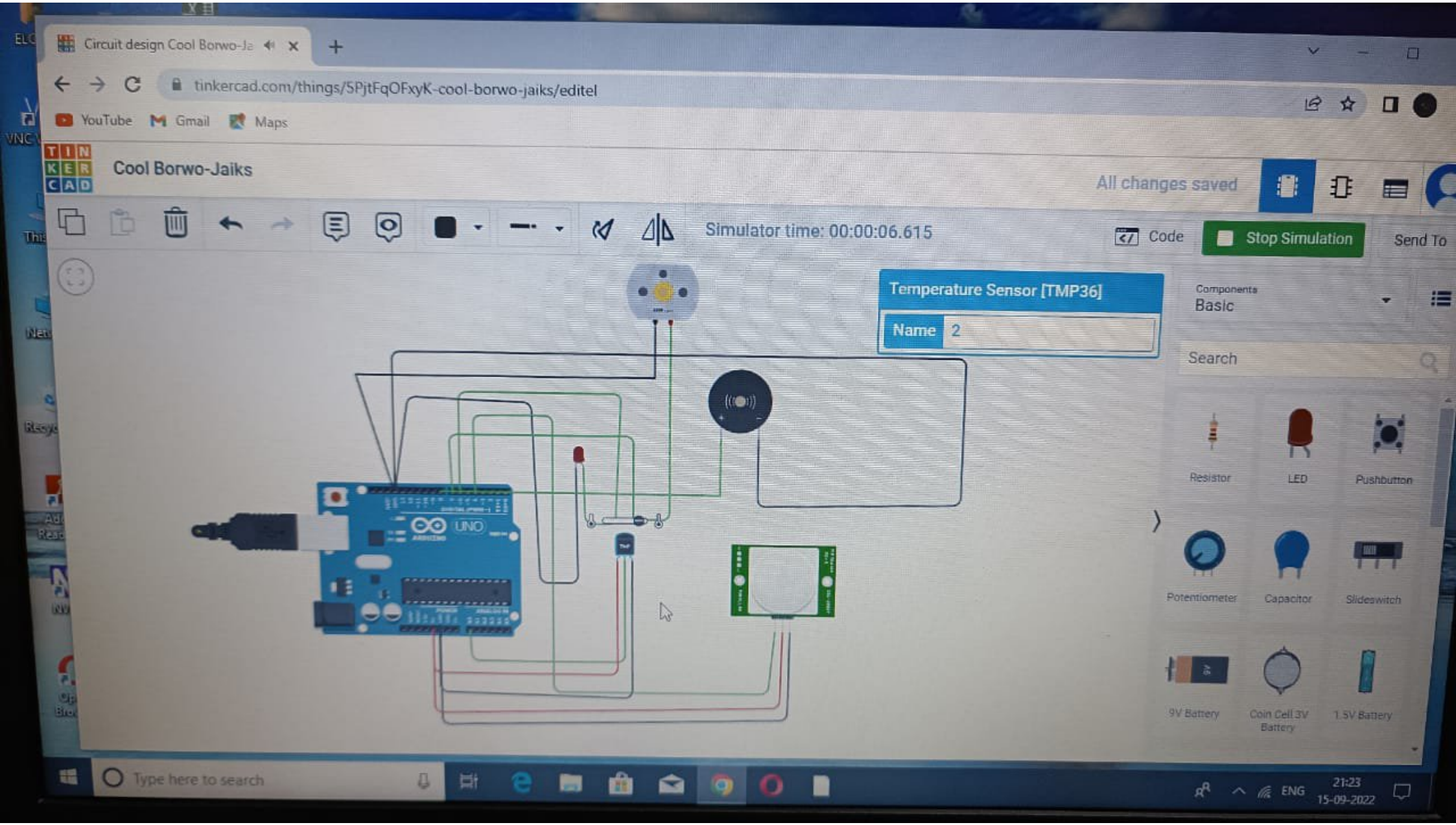
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YouTube
Gmail
Maps
Cool Borwo-Jaiks
All changes saved
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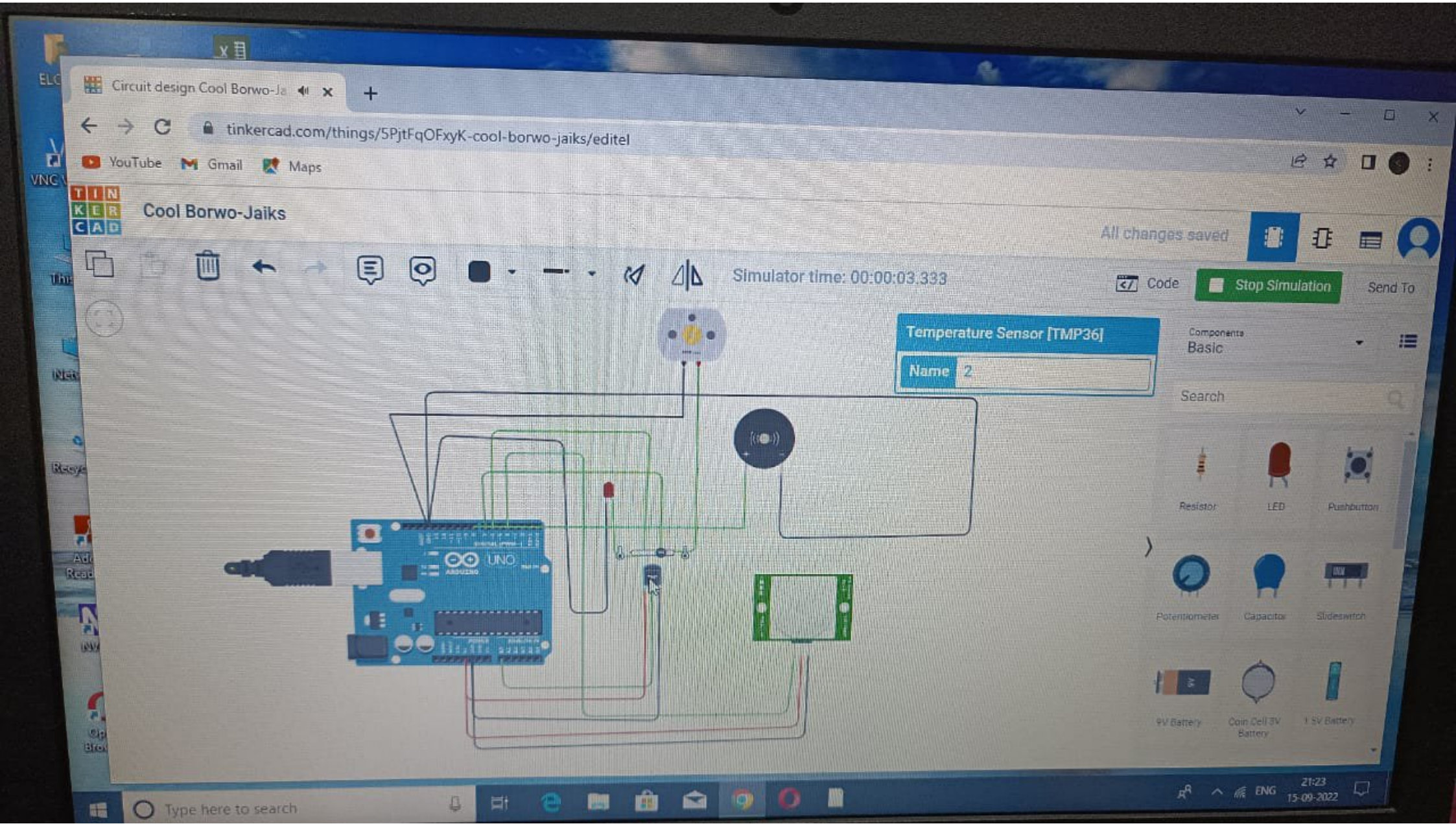
Stop Simulation
Send To
Temperature Sensor [TMP36]
Name
2
Components
Basic
Search
Resistor
LED
Pushbutton
Potentiometer
Capacitor
Slideswitch
9V Battery
Coin Cell 3V Battery
1.5V Battery
Type here to search
ENG
21:23
15-09-2022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Components
Basic
Search
Resistor
LED
Pushbutton
Potentiometer
Capacitor
Slideswitch
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Coin Cell 3V Battery
1.5V Battery
Type here to search
ENG
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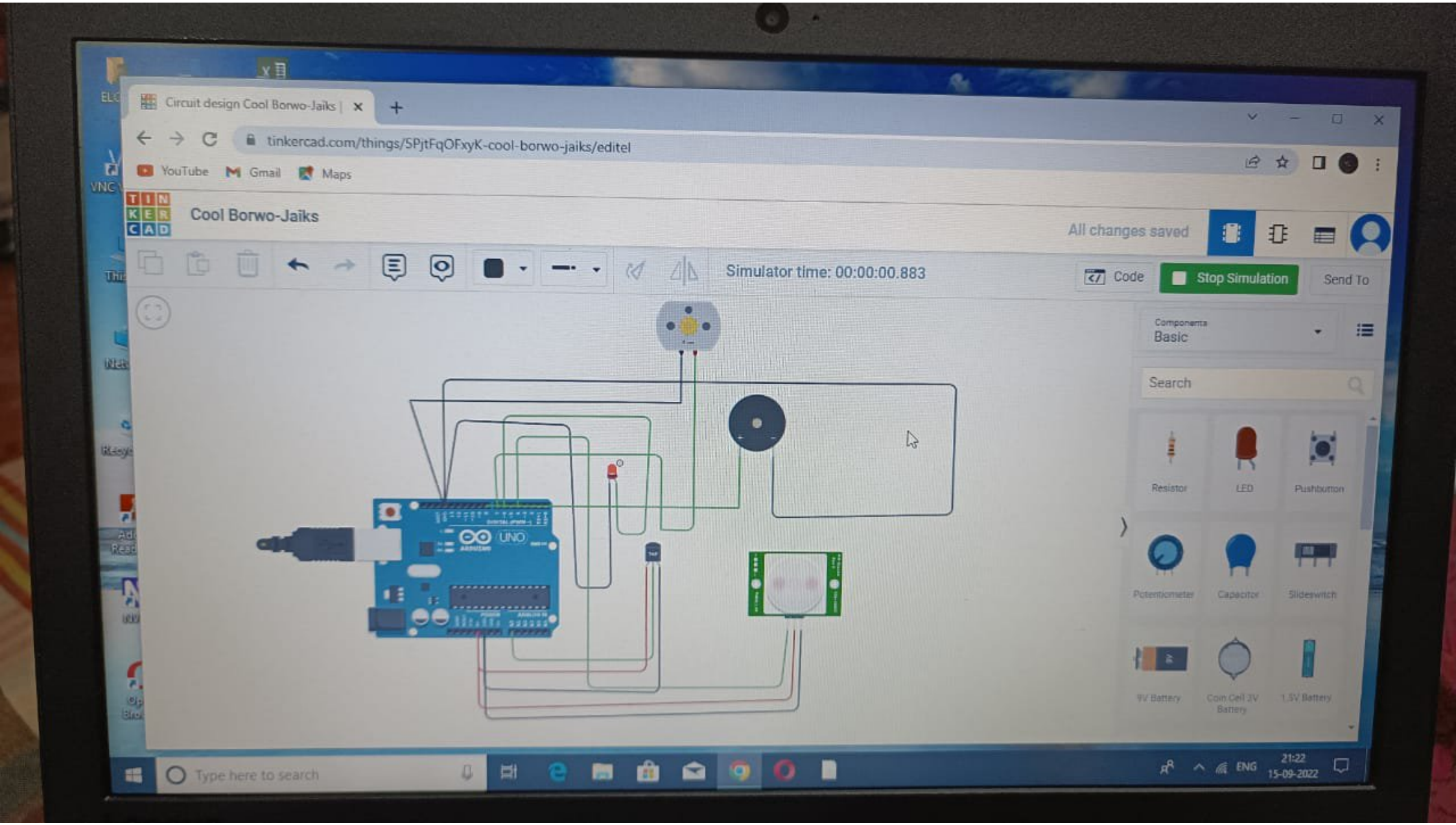
15-09-2022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YouTube
Gmail
Maps
Cool Borwo-Jaiks
All changes saved
Simulator time: 00:00:00.883
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Send To
Components
Basic
Search
Resistor
LED
Pushbutton
Potentiometer
Capacitor
Slideswitch
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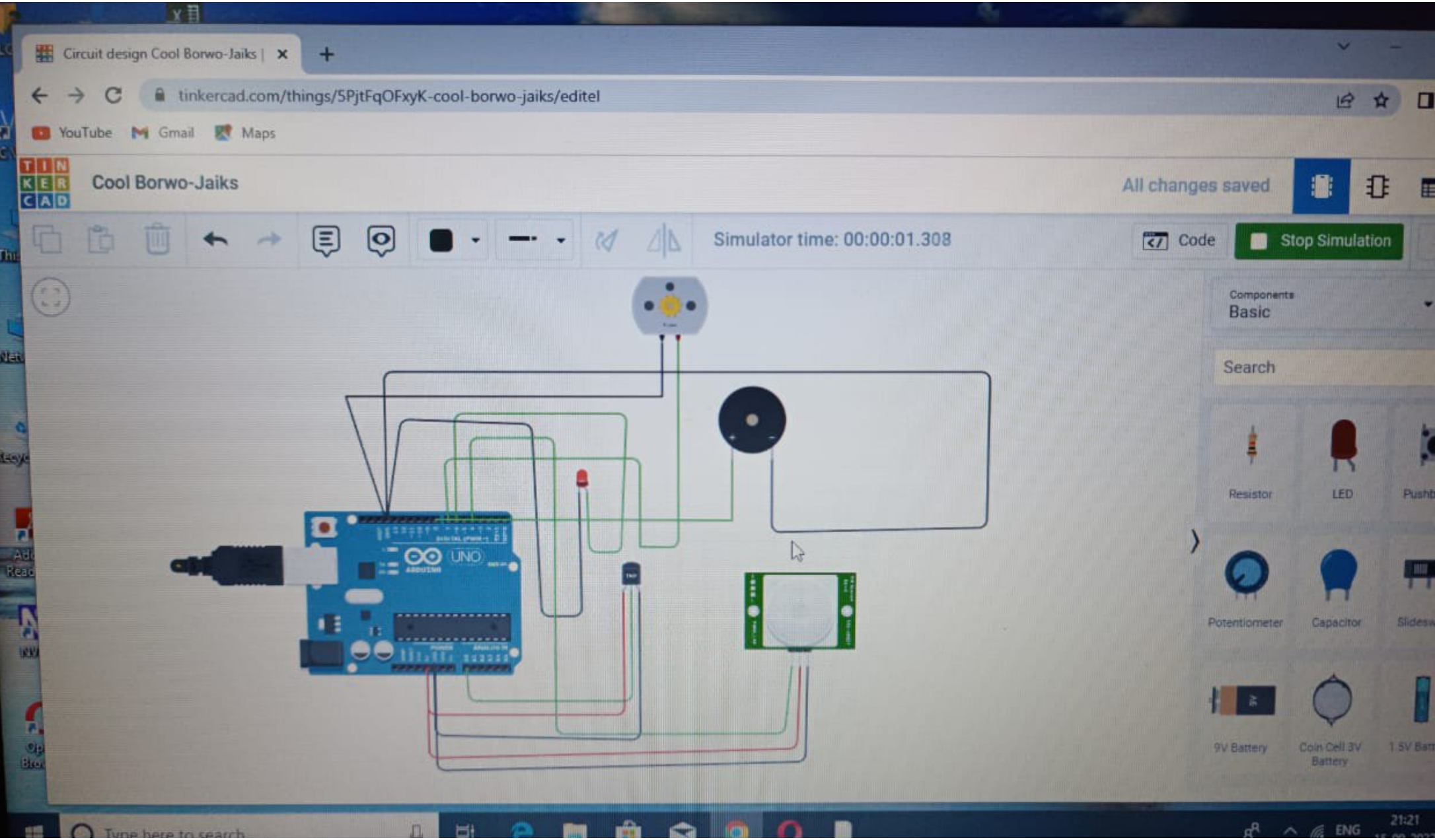
Coin Cell 3V Battery
1.5V Battery
Type here to search
ENG
21:22
15-09-2022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YouTube
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Maps
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All changes saved
Simulator time: 00:00:01.308
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Search
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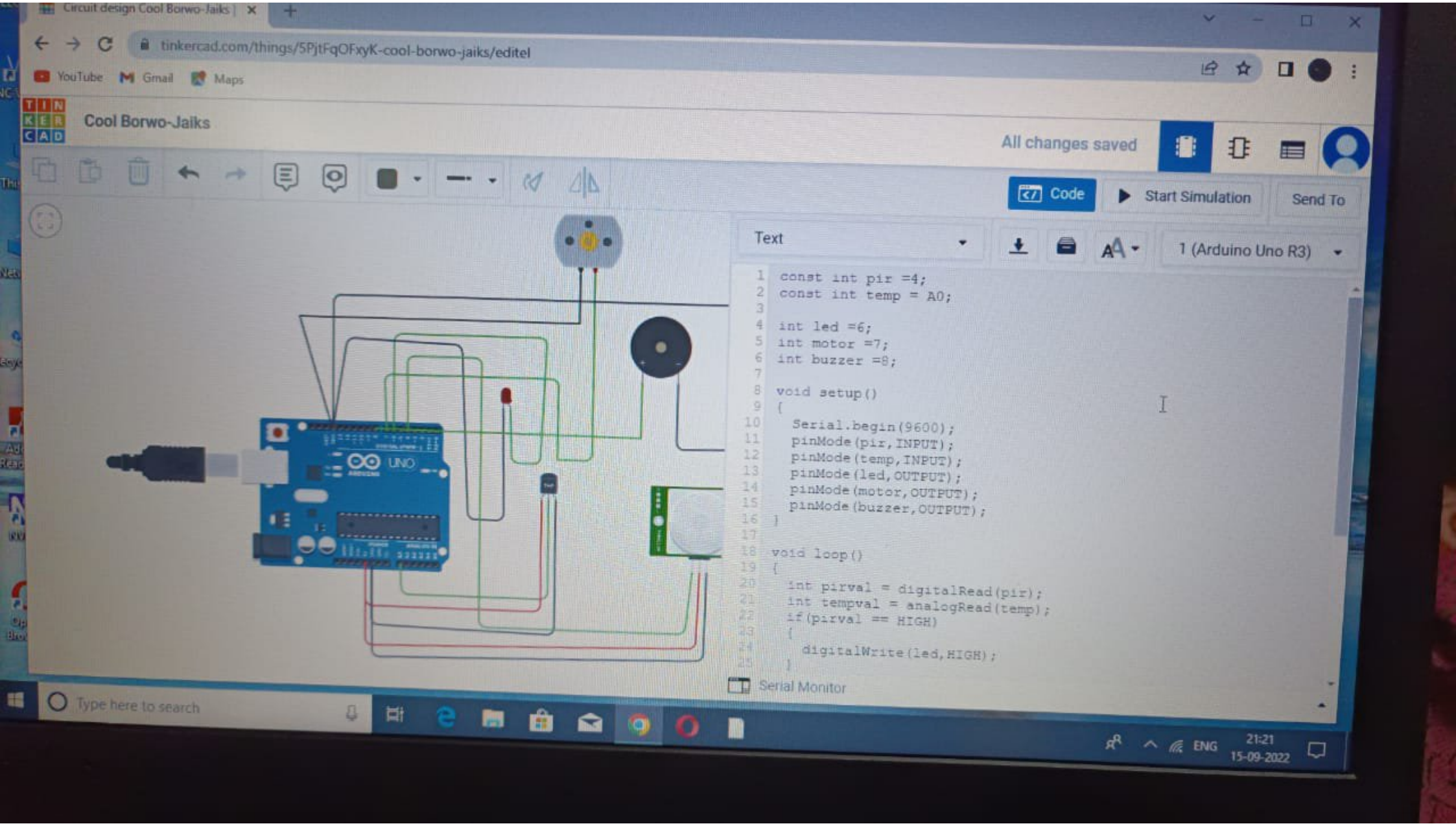
LED
Potentiometer
Capacitor
9V Battery
Coin Cell 3V Battery
UNO
ARDUINO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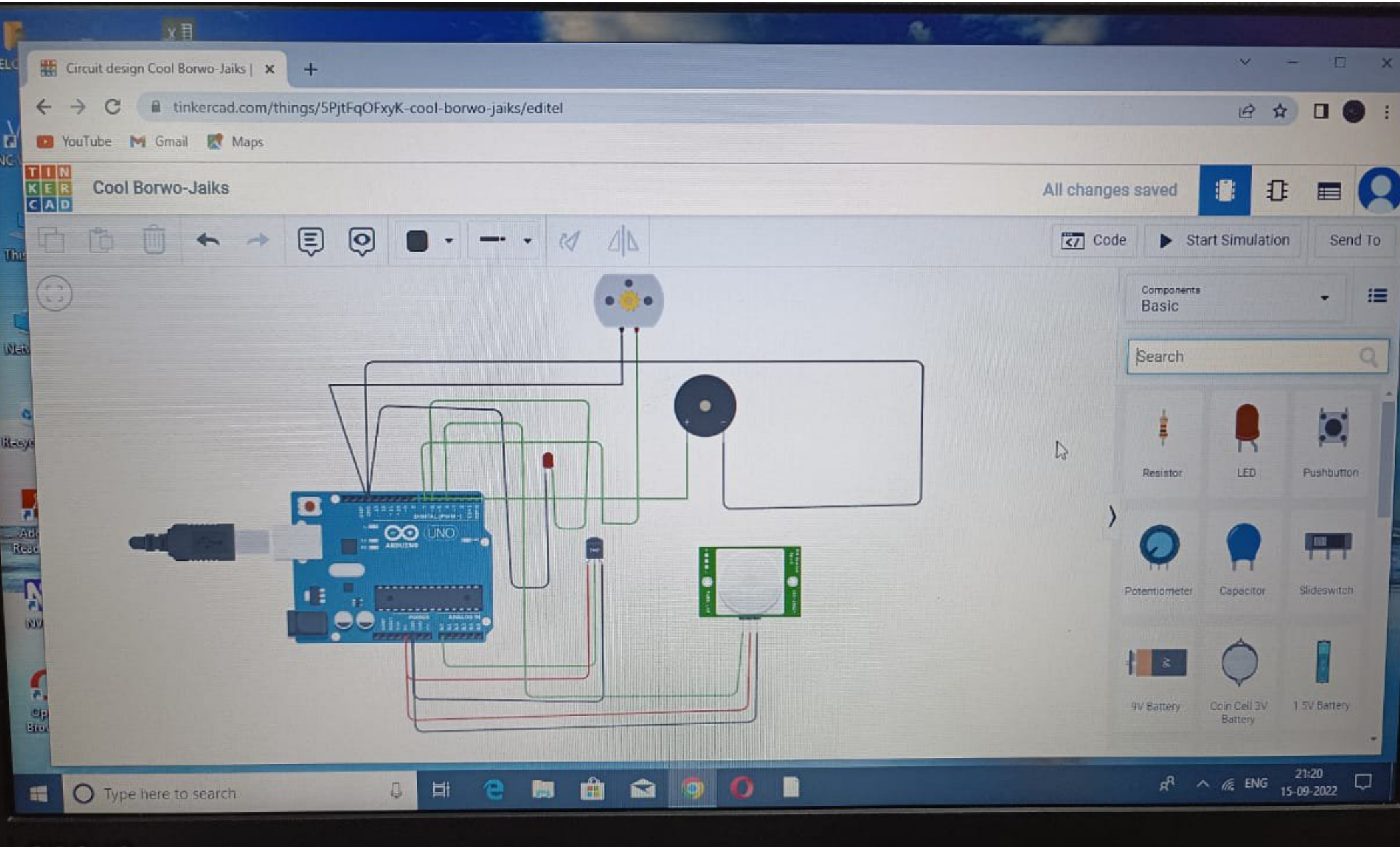
YouTube
Gmail
Maps
Cool Borwo-Jaiks
All changes saved
Code
Start Simulation
Send To
Text
1 (Arduino Uno R3)
const int pir =4;
const int temp = A0;
int led =6;
int motor =7;
int buzzer =8;
void setup()
{
Serial.begin(9600);
pinMode(pir,INPUT);
pinMode(temp,INPUT);
pinMode(led,OUTPUT);
pinMode(motor,OUTPUT);
pinMode(buzzer,OUTPUT);
}
void loop()
{
int pirval = digitalRead(pir);
int tempval = analogRead(temp);
if(pirval == HIGH)
{
digitalWrite(led,HIGH);
}
Serial Monitor
Type here to search
ENG
21:21
15-09-2022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YouTube
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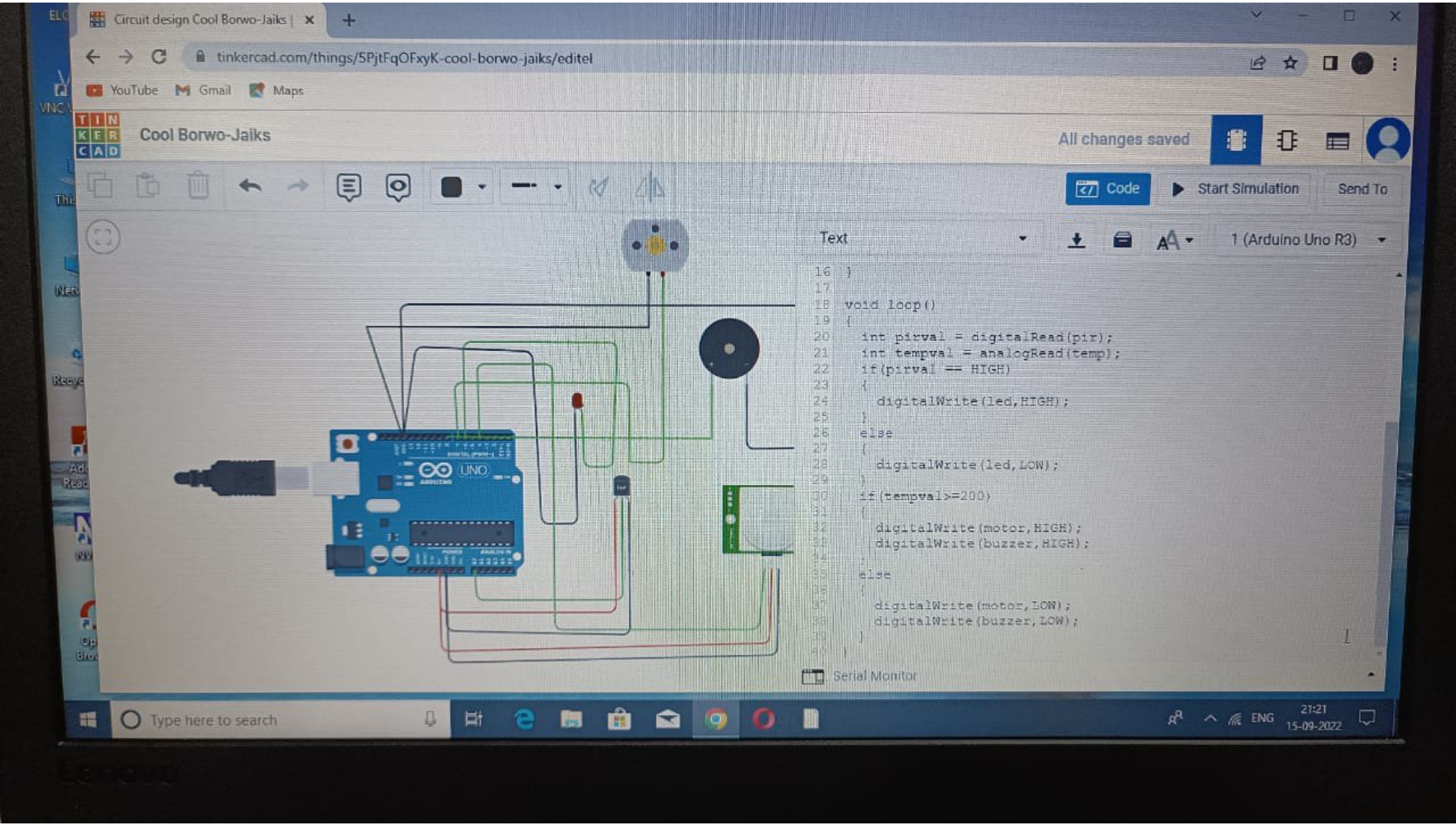
Cool Borwo-Jaiks
All changes saved
Code
Start Simulation
Send To
Components
Basic
Search
Resistor
LED
Pushbutton
Potentiometer
Capacitor
Slideswitch
9V Battery
Coin Cell 3V Battery
1.5V Battery
Type here to search
ENG
21:20
15-09-2022


Circuit design Cool Borwo-Jaiks |
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YouTube
Gmail
Maps
Cool Borwo-Jaiks
All changes saved
Code
Start Simulation
Send To
Text
1 (Arduino Uno R3)
16 }
17
18 void loop()
19 {
20 int pirval = digitalRead(pir);
21 int tempval = analogRead(temp);
22 if(pirval == HIGH)
23 {
24 digitalWrite(led,HIGH);
25 }
26 else
27 {
28 digitalWrite(led,LOW);
29 }
30 if(tempval>=200)
31 {
32 digitalWrite(motor,HIGH);
33 digitalWrite(buzzer,HIGH);
34 }
35 else
36 {
37 digitalWrite(motor,LOW);
38 digitalWrite(buzzer,LOW);
39 }
40 }
Serial Monitor
Type here to search
ENG
21:21
15-09-2022