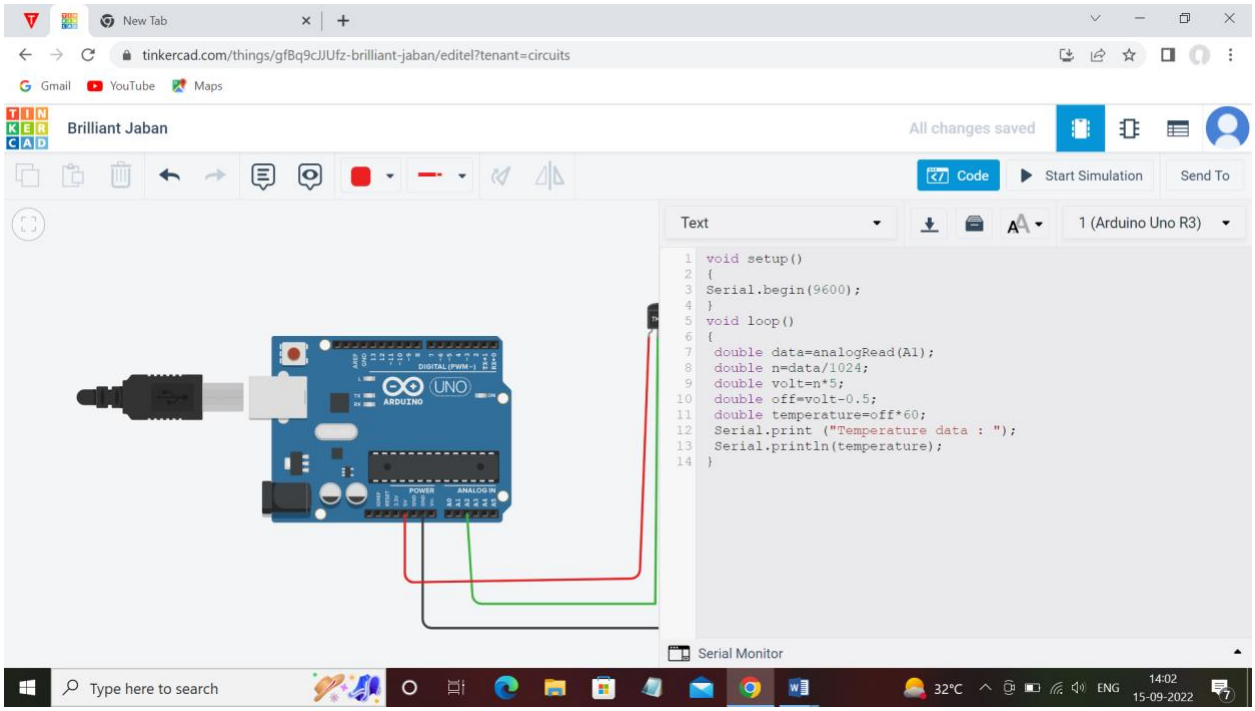
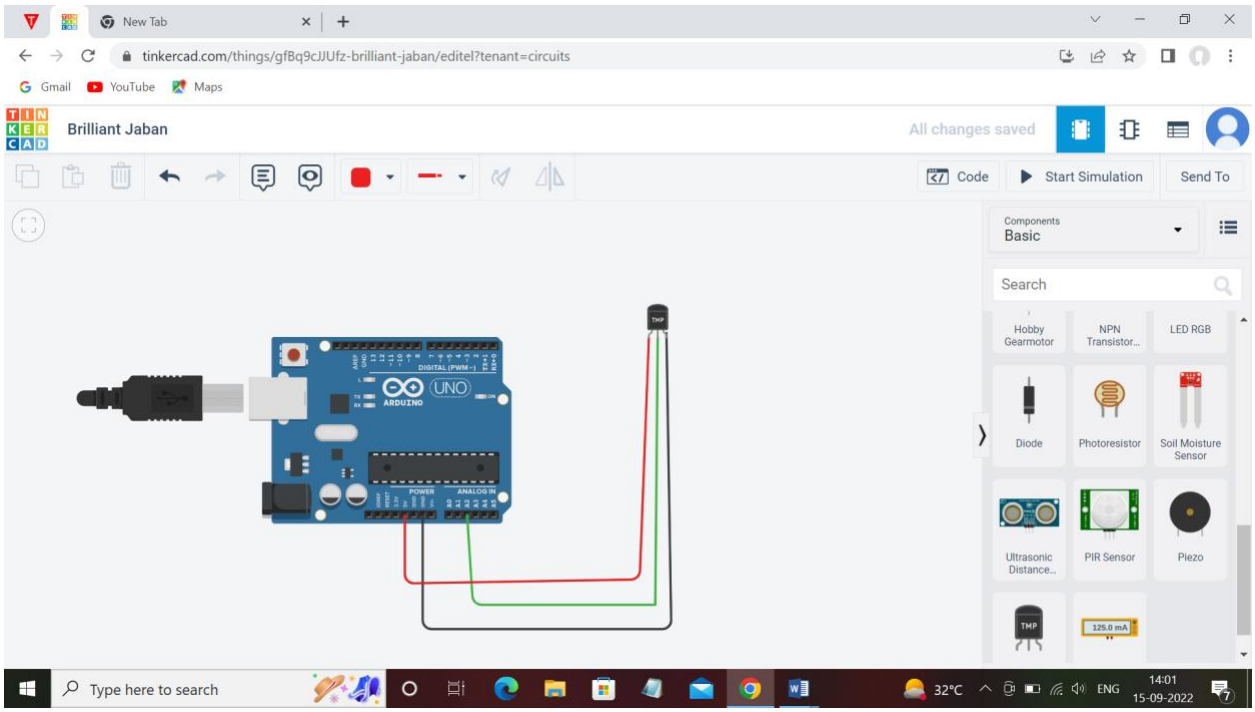
ASSIGNMENT 1

1. Alarm should sound in one manner if Temperature is about 60 C

```
void setup()
{
Serial.begin(9600);
}
void loop()
{
 double data=analogRead(A1);
 double n=data/1024;
 double volt=n*5;
 double off=volt-0.5;
 double temperature=off*60;
 Serial.print ("Temperature data : ");
 Serial.println(temperature);
}
```


New Tab
tinkercad.com/things/gfBq9cJJUfz-brilliant-jaban/editel?tenant=circuits
Gmail
YouTube
Maps
Brilliant Jaban
All changes saved
Code
Start Simulation
Send To
Text
1 (Arduino Uno R3)
void setup()
{
Serial.begin(9600);
}
void loop()
{
double data=analogRead(A1);
double n=data/1024;
double volt=n*5;
double off=volt-0.5;
double temperature=off*60;
Serial.print ("Temperature data : ");
Serial.println(temperature);
}
Serial Monitor
Type here to search
32°C
ENG
14:02
15-09-2022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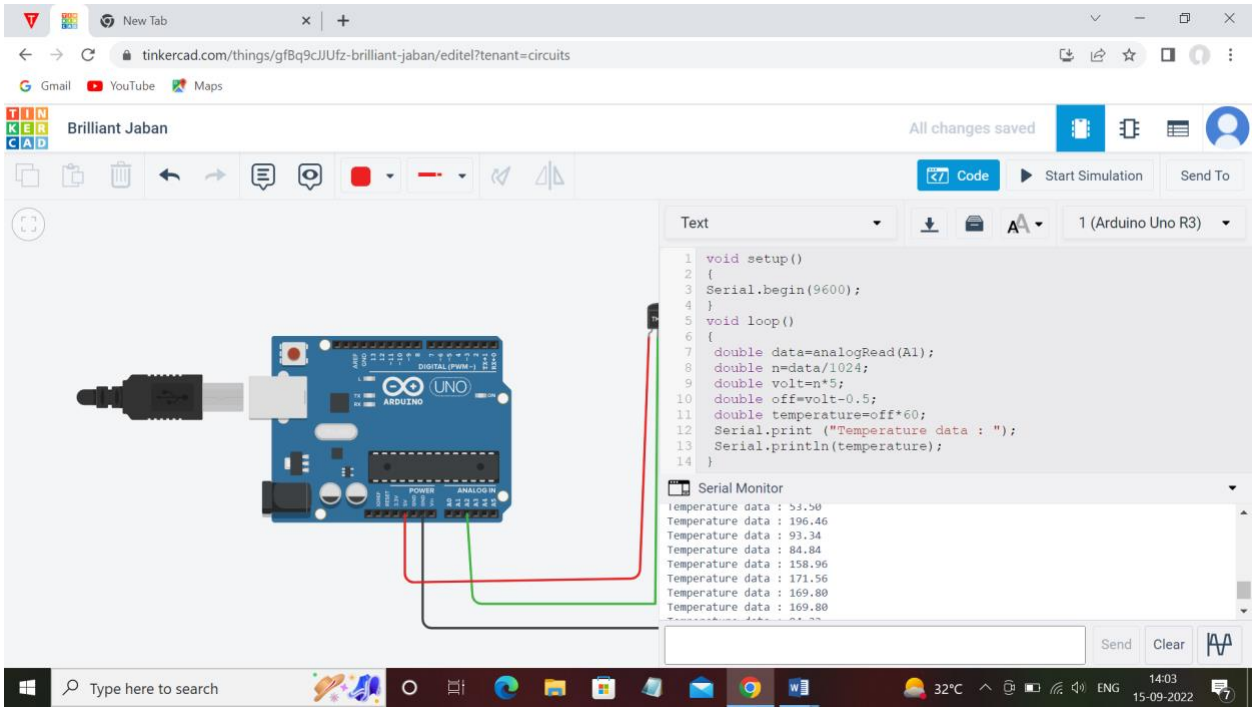
Gmail
YouTube
Maps
Brilliant Jaban
All changes saved
Code
Start Simulation
Send To
Components
Basic
Search
Hobby Gearmotor
NPN Transistor...
LED RGB
Diode
Photoresistor
Soil Moisture Sensor
Ultrasonic Distance...
PIR Sensor
Piezo
Type here to search
32°C
ENG
14:01
15-09-2022

OUTPUT:


New Tab
tinkercad.com/things/gfBq9cJJUfz-brilliant-jaban/editel?tenant=circuits
Gmail
YouTube
Maps
Brilliant Jaban
All changes saved
Code
Start Simulation
Send To
Text
1 (Arduino Uno R3)
void setup()
{
Serial.begin(9600);
}
void loop()
{
double data=analogRead(A1);
double n=data/1024;
double volt=n*5;
double off=volt-0.5;
double temperature=off*60;
Serial.print ("Temperature data : ");
Serial.println(temperature);
}
Serial Monitor
Temperature data : 196.46
Temperature data : 93.34
Temperature data : 84.84
Temperature data : 158.96
Temperature data : 171.56
Temperature data : 169.80
Temperature data : 169.80
Send
Clear
Type here to search
32°C
ENG
14:03
15-09-2022