Final Code

Team Id	*PNT2022TMID51029*
Project	*Gas Leakage Monitoring and Alerting System For Industries*
Team Members	*Shriya.R, Swathy Santhosh, Akila.G,LavanyaDevi.K*

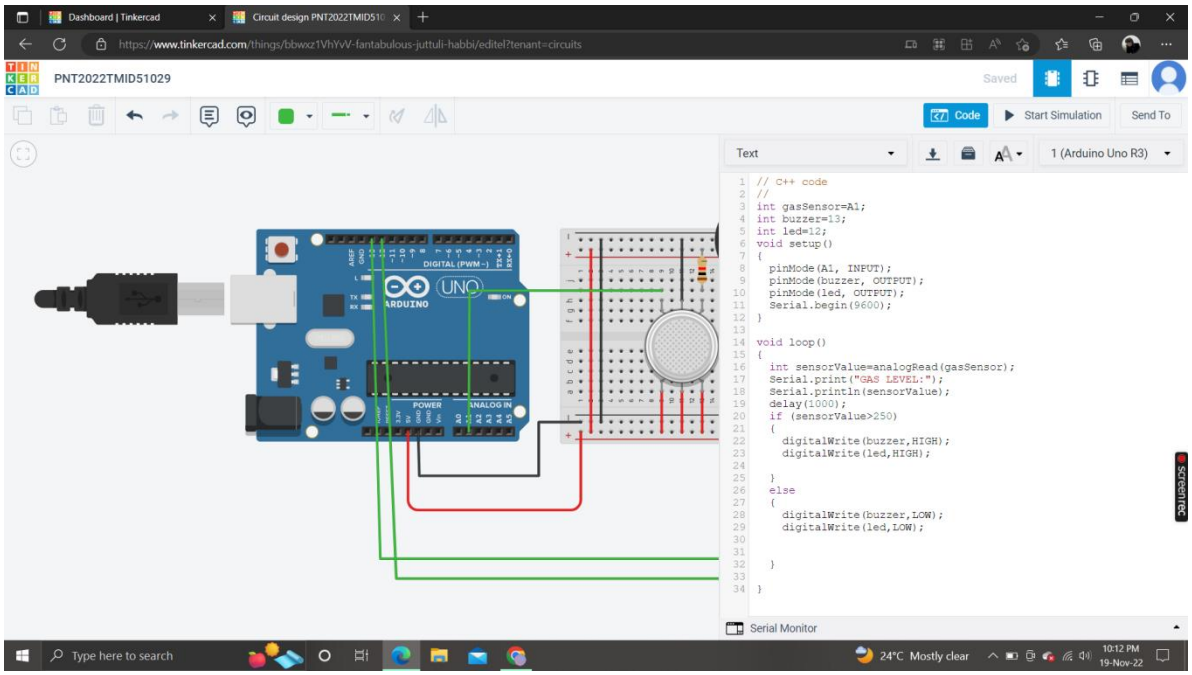
FINAL CODE:

```
int gasSensor=A1;
int buzzer=13;
int led=12;
void setup()
{
   pinMode(A1, INPUT);
   pinMode(buzzer, OUTPUT);
   pinMode(led, OUTPUT);
   Serial.begin(9600);
 }

void loop()
{
int sensorValue=analogRead(gasSensor);
Serial.print("GAS LEVEL:");
Serial.println(sensorValue);
delay(1000);
if (sensorValue>250)
  {
     digitalWrite(buzzer,HIGH);
     digitalWrite(led,HIGH);

  }
else
  {
     digitalWrite(buzzer,LOW);
     digitalWrite(led,LOW);
  }
}
```

OUTPUT:


Dashboard | Tinkercad
Circuit design PNT2022TMID510
https://www.tinkercad.com/things/bbwxz1VhYvV-fantabulous-juttuli-habbi/editel?tenant=circuits
PNT2022TMID51029
Saved
Code
Start Simulation
Send To
Text
1 (Arduino Uno R3)
// C++ code
//
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int buzzer=13;
int led=12;
void setup()
{
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digitalWrite(led,HIGH);
}
else
{
digitalWrite(buzzer,LOW);
digitalWrite(led,LOW);
}
}
Serial Monitor
Type here to search
24°C Mostly clear
10:12 PM
19-Nov-22


The image part with relationship ID rId7 was not found in the file.