AIR QUALITY MONITORING SYSTEM

program

int analogPin = A0;  // Define the analog pin for the gas sensor

int threshold = 400; // Set a threshold value to trigger air quality warnings

void setup() {

**Serial**.begin(9600);

}

void loop() {

  int sensorValue = analogRead(analogPin);

**Serial**.println(sensorValue);

  if (sensorValue > threshold) {

**Serial**.println("Air quality is poor! Open windows and ventilate.");

  } else {

**Serial**.println("Air quality is good.");

  }

  delay(10000); // Delay for 10 seconds before the next reading

}

Sample output

165

Air quality is good.

205

Air quality is good.

253

