

MAIoT Assignment 02

```
// C++ code //
void setup() {

  Serial.begin(9600);

  pinMode(A1,INPUT);

  pinMode(6,OUTPUT);

  pinMode(10,OUTPUT);

  pinMode(11,OUTPUT);

  pinMode(13,OUTPUT);

}

void loop() {

  int sensorValue = analogRead(A1);

  Serial.print("Gas sensor reading = ");

  Serial.println(sensorValue);

  if(sensorValue > 800){

    digitalWrite(13,HIGH);

    digitalWrite(11,LOW);

    digitalWrite(10,LOW);

    digitalWrite(6,HIGH);

  } else{

    digitalWrite(13,LOW);

    digitalWrite(11,LOW);

    digitalWrite(10,HIGH);
```

```
digitalWrite(6,LOW);
```

```
} }
```

Snapshot of Implementation:

