```cpp
#include<ESP8266WiFi.h>

#include <WiFiClient.h>

#include <ESP8266HTTPClient.h>


const char* ssid = "iot";

const char* password = "12345678";

char serverName[] = "http://iotcloud22.in/1057_gas/post_value.php";


WiFiClient client;

HTTPClient http;


int gas;

String httpRequestData;


void setup() {

  Serial.begin(9600);

  pinMode(A0, INPUT);

  //pinMode(D6, INPUT);

  pinMode(D7, OUTPUT);

  pinMode(D6, OUTPUT);


  digitalWrite(D7, LOW);

  digitalWrite(D6, LOW);

  Serial.print("Connecting to ");

  Serial.println(ssid);

  WiFi.begin(ssid, password);
```

```
  while (WiFi.status() != WL_CONNECTED) {

    delay(500);

    Serial.print(".");

  }

  Serial.println("");

  Serial.println("WiFi connected");

  Serial.print(WiFi.localIP());

  delay(1000);


}


void loop() {

  gas = analogRead(A0);

  Serial.println(gas);


  if (gas > 500)

  {

    digitalWrite(D7, HIGH);

    digitalWrite(D6, HIGH);

  }

  else {

    digitalWrite(D7, LOW);

    digitalWrite(D6, LOW);

  }

  sending_to_db();

}
```

```arduino
void sending_to_db()

{

 if (WiFi.status() == WL_CONNECTED)

 {

  http.begin(client, serverName);

  http.addHeader("Content-Type", "application/x-www-form-urlencoded");

  httpRequestData = "&value1=" + String(gas) + "";

  //   Serial.print("httpRequestData: ");

  Serial.println(httpRequestData);

  int httpResponseCode = http.POST(httpRequestData);

  if (httpResponseCode > 0) {

   Serial.print("HTTP Response code: ");

   Serial.println(httpResponseCode);

  }

  else {

   Serial.print("Error code: ");

   Serial.println(httpResponseCode);

  }

  http.end();

 }

 else {

  Serial.println("WiFi Disconnected");

 }

 delay(1000);

}
```