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#include <ESP8266WiFi.h>
#include <Wire.h>
#include <ACROBOTIC_SSD1306.h>

const char* ssid = "SFR_44D8";
const char* password = "xxxxxxxx";

void setup() {
  Serial.begin(115200);
  Wire.begin();
  oled.init();           // Initialize SSD1306 OLED display
  oled.clearDisplay();   // Clear screen
  oled.setTextXY(0,0);   // Set cursor position, start of line 0
  oled.putString("SMARTPOKER..init");
  delay(100);

  // We start by connecting to a WiFi network

  Serial.println();
  Serial.println();
  Serial.print("Connecting to ");
  Serial.println(ssid);
  oled.clearDisplay();   // Clear screen
  oled.setTextXY(0,0);   // Set cursor position, start of line 0
  oled.putString("Connecting to");
  oled.setTextXY(1,0);
  oled.putString(ssid);

  WiFi.begin(ssid, password);

  int y=1;
  while (WiFi.status() != WL_CONNECTED) {
    delay(500);
    Serial.print(".");
    oled.setTextXY(2,y);   // Set cursor position, start of line 0
    oled.putString(".");
    y++;
  }

  Serial.println("");
  Serial.println("WiFi connected");
  Serial.println("IP address: ");
  Serial.println(WiFi.localIP());
  oled.clearDisplay();   // Clear screen
  oled.setTextXY(0,0);   // Set cursor position, start of line 0
  oled.putString("Wifi Connected");
  oled.setTextXY(1,0);
  oled.putString("Ip address");
  oled.setTextXY(2,0);

  String ipaddress = WiFi.localIP().toString();

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oled.putString(ipaddress);  
String macaddress = WiFi.macAddress();  
oled.setTextXY(3,0);  
oled.putString("Mac address");  
oled.setTextXY(4,0);  
oled.putString(macaddress);  
}
```

```
void loop()  
{  
}
```