
SMART WATER MANAGEMENT SYSTEM

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```
#include <ESP8266WiFi.h>
String str="";
const char* ssid = "Kriyative";//type your ssid
const char* password = "Kriyative1!";//type your password
```

```
IPAddress ip(192,168,1,8);
```

```
WiFiClient client;
```

```
void setup()
```

```
{
  pinMode(LED_BUILTIN,OUTPUT);
  digitalWrite(LED_BUILTIN,HIGH);
  Serial.begin(9600);
  delay(10);
  // Connect to WiFi network
  Serial.println();
  Serial.println();
  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");
```

```
}
```

```
void loop()  
{
```

```
    if (client.connect(ip, 8080))  
    {  
        Serial.println("connected");  
        // Make a HTTP request:  
        client.println("GET /stat HTTP/1.1");  
        client.println();  
    }  
    else  
    {  
        // if you didn't get a connection to the server:  
        Serial.println("connection failed");  
    }  
    delay(1000);  
    //Reading the response from the server..  
    while (client.available())  
    {  
        char c = client.read();  
        str+= c;  
        delay(50);  
    }  
    if(str.indexOf("ON")!=-1)  
    {  
        digitalWrite(LED_BUILTIN,LOW);  
        Serial.println("on");  
    }  
    else
```

```
{  
  digitalWrite(LED_BUILTIN,HIGH);  
  Serial.println("off");  
}  
}
```

Thank You

