

```
#include <ESP8266WiFi.h>
const char WiFiPassword[] = ""; //Leave Blank if you do not want to have a password to
enter the Node
const char AP_NameChar[] = "sree" ;

WiFiServer server(80);

String request = "";
int LED_Pin = 16 ;

void setup()
{
  Serial.begin(115200);
  pinMode(LED_Pin, OUTPUT);
  digitalWrite(LED_Pin, LOW); //Turn on LED
  delay(400);
  digitalWrite(LED_Pin, HIGH); //Turn off LED

  boolean conn = WiFi.softAP(AP_NameChar, WiFiPassword);
  server.begin();

}

void loop()
{

  // Check if a client has connected
  WiFiClient client = server.available();
  if (!client) {
    return;
```

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}
```

```
// Read the first line of the request  
request = client.readStringUntil('\r');
```

```
if ( request.indexOf("LEDON") > 0 ) {  
  digitalWrite(LED_Pin, LOW);  
  //client.flush();  
  client.println("HTTP/1.1 200 OK\r\n");  
  client.println( "LEDON");  
  client.flush();  
  Serial.println("inside ON");  
}  
else if ( request.indexOf("LEDOFF") > 0 ) {  
  digitalWrite(LED_Pin, HIGH);  
  //client.flush();  
  client.println("HTTP/1.1 200 OK\r\n");  
  client.println( "LEDOFF");  
  client.flush();  
  Serial.println("inside OFF");  
}  
delay(5);  
  
}
```