

```
/*  
  
Statement : To make ESP8266 Witty Cloud Development Board as  
an access point (AP)/hotspot.  
  
*/
```

Code:

```
#include <ESP8266WiFi.h>  
  
#define led 2  
#define red 15  
#define green 12  
#define blue 13  
#define ldr A0  
  
WiFiClient client;  
WiFiServer server(80);  
  
void setup() {  
    // put your setup code here, to run once:  
    pinMode(led, OUTPUT);  
    pinMode(red, OUTPUT);  
    pinMode(blue, OUTPUT);  
    pinMode(green, OUTPUT);  
  
    Serial.begin(9600);  
    WiFi.softAP("espboard", "ESP8266");  
    Serial.println();  
    Serial.println("Wittyboard connected");  
    Serial.println(WiFi.softAPIP());  
    server.begin();  
}  
  
void loop() {  
    // put your main code here, to run repeatedly:  
    client = server.available();  
    if(client==1){
```

```
String request=client.readStringUntil('\n');
Serial.println(request);
request.trim();
if(request=="GET /ledON HTTP/1.1")
    digitalWrite(green,HIGH);
if(request=="GET /ledOFF HTTP/1.1")
    digitalWrite(green,LOW);
}
}
```