```
/*

Experiment No. :    14

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

Date of Exp.   :    xx/xx/xxxx

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*/

//to make witty board as access point

#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() {


pinMode(led,OUTPUT);

pinMode(red,OUTPUT);

pinMode(green,OUTPUT);

pinMode(blue,OUTPUT);
```

```
Serial.begin(9600);

WiFi.softAP("aabha","aabha3004");

Serial.println();

Serial.println("wittyBoard started!");

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);

}

}
```