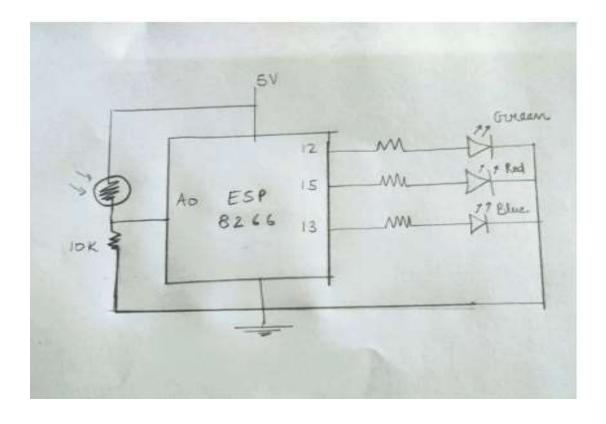
```
/*
Experiment No.: 13
            : To use ESP8266 Witty Cloud Development Board as
Statement
a web server.
Date of Exp. : xx/xx/xxxx
Author : Reva Dhiran (A-10)
* /
Code:
#include <ESP8266WiFi.h> //library file for esp8266
// pins for witty board
#define led 2
#define red 15
#define green 12
#define 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.begin("OPPO A5 2020", "12345678");
while(WiFi.status() != WL CONNECTED) {
Serial.print('.');
delay(200);
}
Serial.println();
Serial.println("Witty board connected");
Serial.println(WiFi.localIP());
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);
}
}
```



```
To substitut 1 11,5551.

To substitut 1 21,5551.

Witty board connected
150.160.43,98

HET / HITT/1.1

HET / HITT/1.1
```

