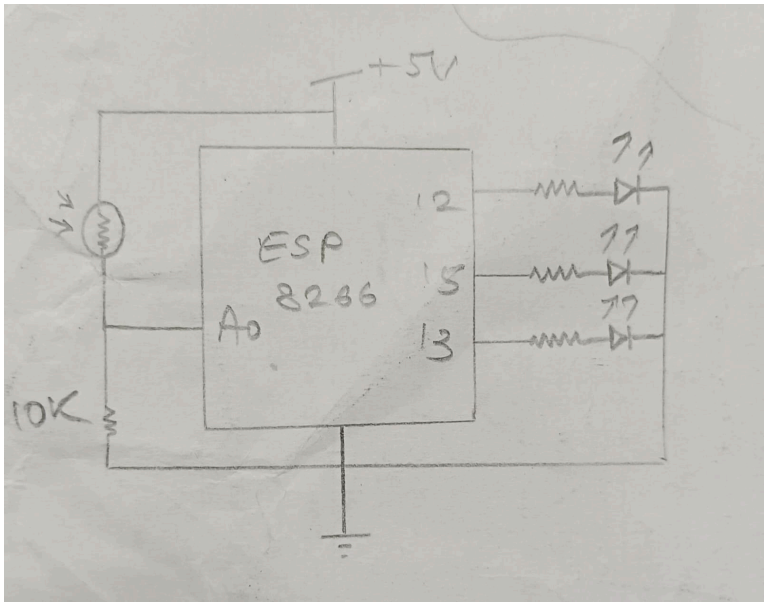
```
/*
Experiment No. :    14
Statement      :    To make ESP8266 Witty Cloud Development Board as an access point (AP)/hotspot.
Date of Exp.   :    xx/xx/xxxx
Author         :    Ansh Jain(A-22)
*/

#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("ESP8266","anshjain1");
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);
}
}
```



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```

Wi-Fi

ESP8266
No internet, secured

Disconnect

Jain

Aditya's wifi

Bhavesh

More Wi-Fi settings

Done uploading.

```
Leaving...
Hard resetting via RTS pin...
```

24 NodeMCU 1.0 (ESP-12E Module), 80 MHz, Flash, Disabled (new aborts on oom), Disabled, All SSL ciphers (most compatible), 32KB cache + 32KB IRAM (balanced), Use pgm_read macros for IRAM/PROGMEM, 4MB (FS:2MB OTA:~1019KB), 2, v2 Lower Memory, Disabled, None, Only Sketch, 115200 on COM9