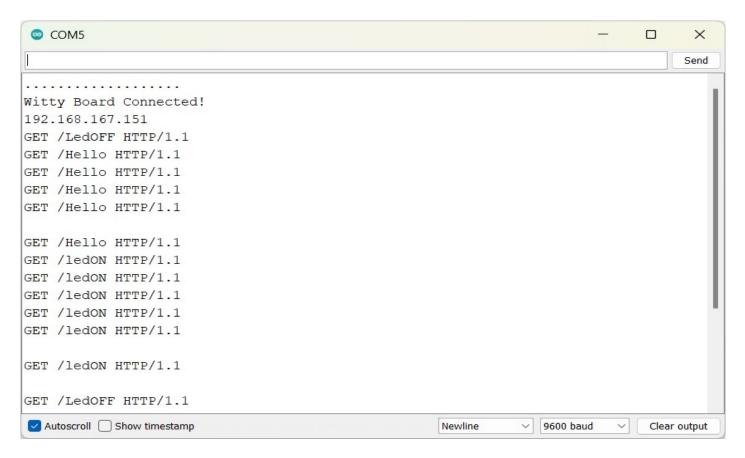
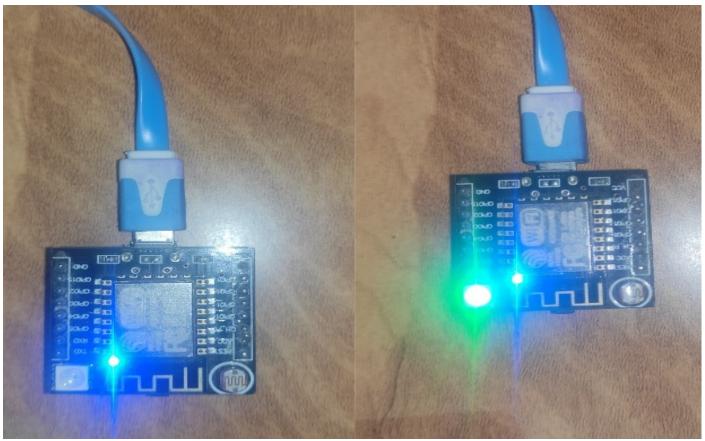
```
/*
Experiment No.: 13
Statement : To use ESP8266 Witty Cloud Development Board
                   as a web server.
Date of Exp. : //
Author : Pawan Dilip Sorte (A-12)
* /
#include <ESP8266WiFi.h>
#define led 2
#define red 15
#define green 12
#define blue 13
#define ldr A0
WiFiClient client;
WiFiServer server (80);
void setup() {
  // put your setup code here, to run once:
pinMode(led,OUTPUT);
pinMode(red,OUTPUT);
pinMode(green,OUTPUT);
pinMode(blue,OUTPUT);
Serial.begin(9600);
WiFi.begin("POCO X2", "7890123456");
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);
}

/*
```





Green LED Off

Green LED ON