

LED WI-FI LAMP

By: EDUARDO MERAZ



I will attempt to create a LED sequence lamp that will create a Wi-Fi network that will host a web server.

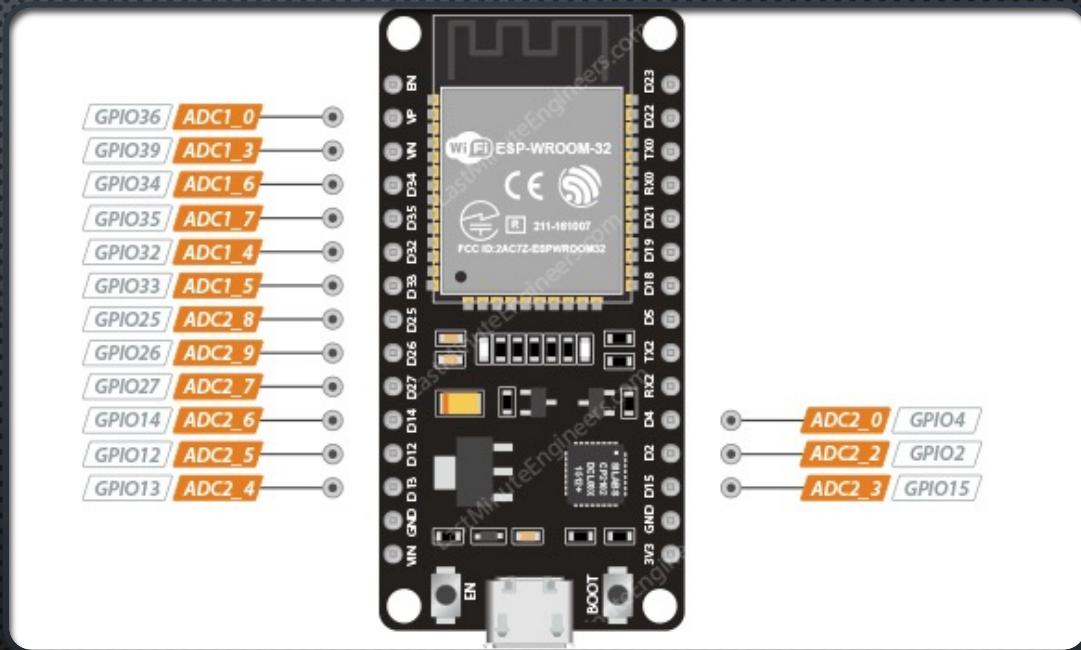


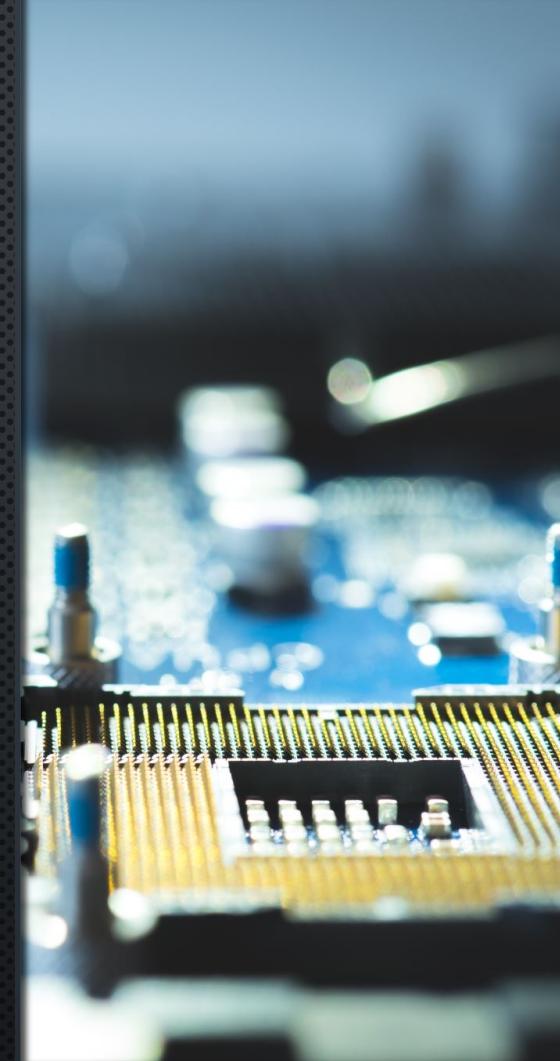
Inside that webserver you can then control the type of sequence you want to display.

INTRODUCTION

ESP32

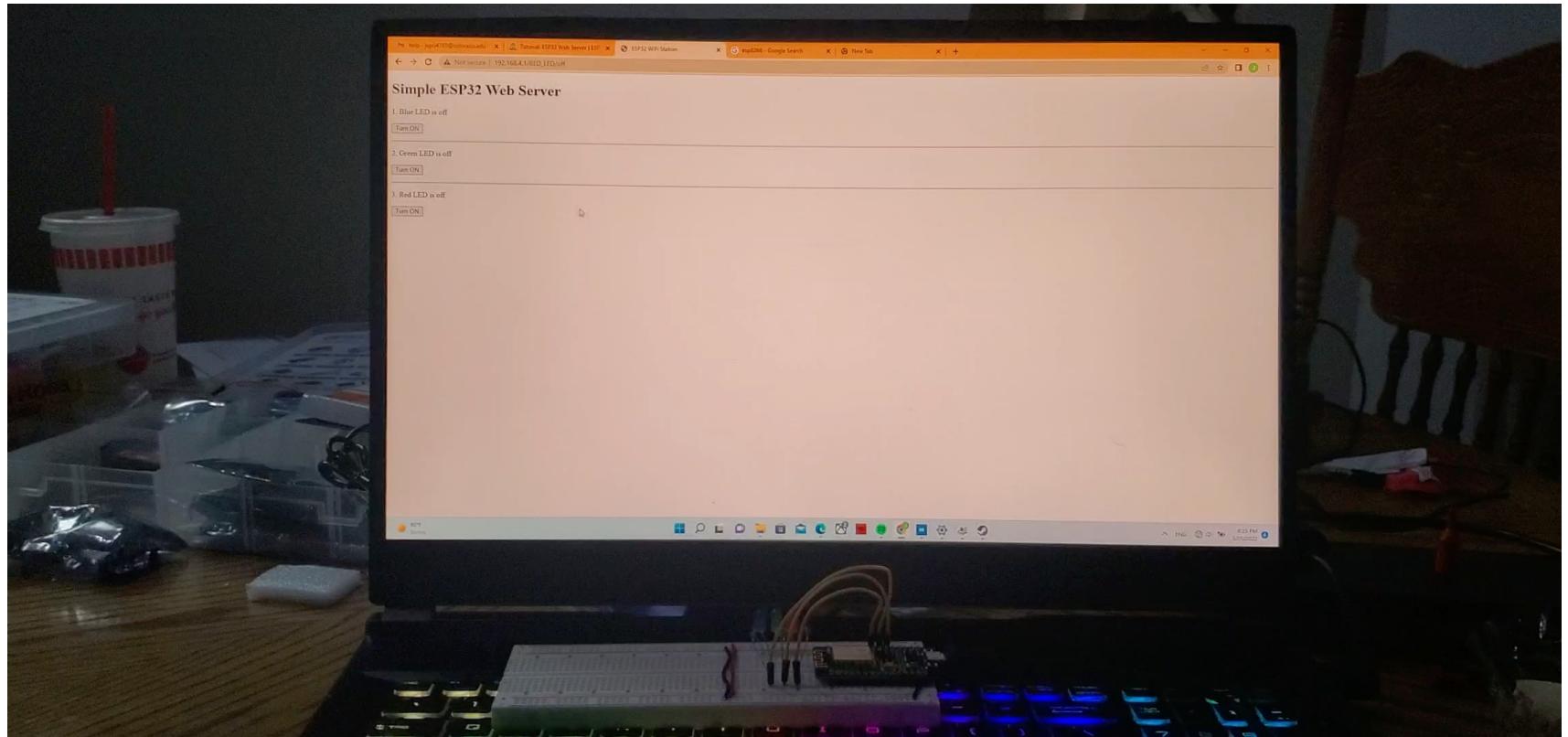
- MICROCONTROLLER WITH INTEGRATED WI-FI AND DUAL-MODE BLUETOOTH
 - THIS CAN EITHER BE CONNECTED TO THE ROUTER OR YOU CAN HAVE IT SETUP TO BE ITS OWN WI-FI

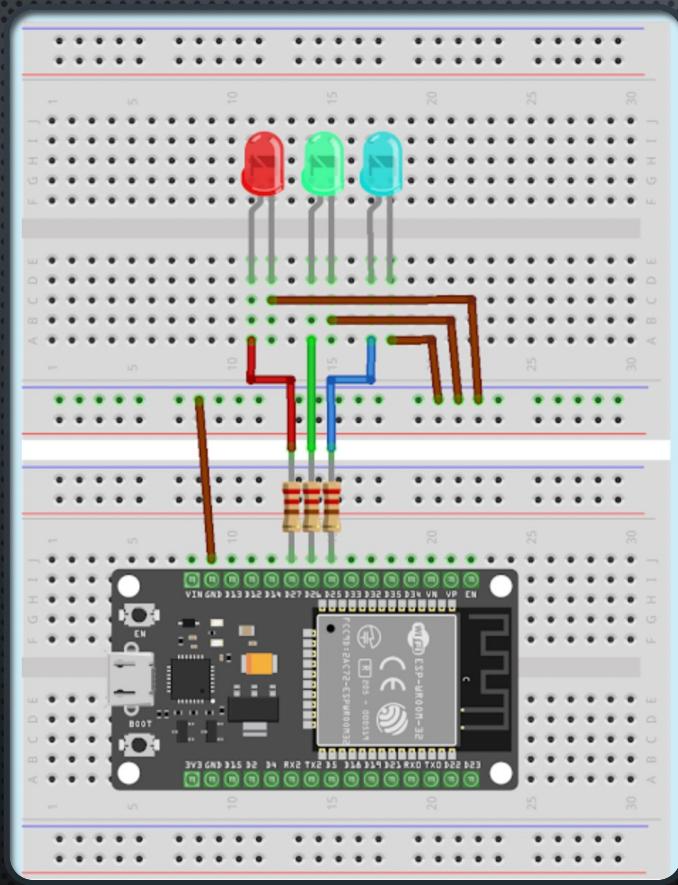




FAMILIARIZE THE MICROCONTROLLER

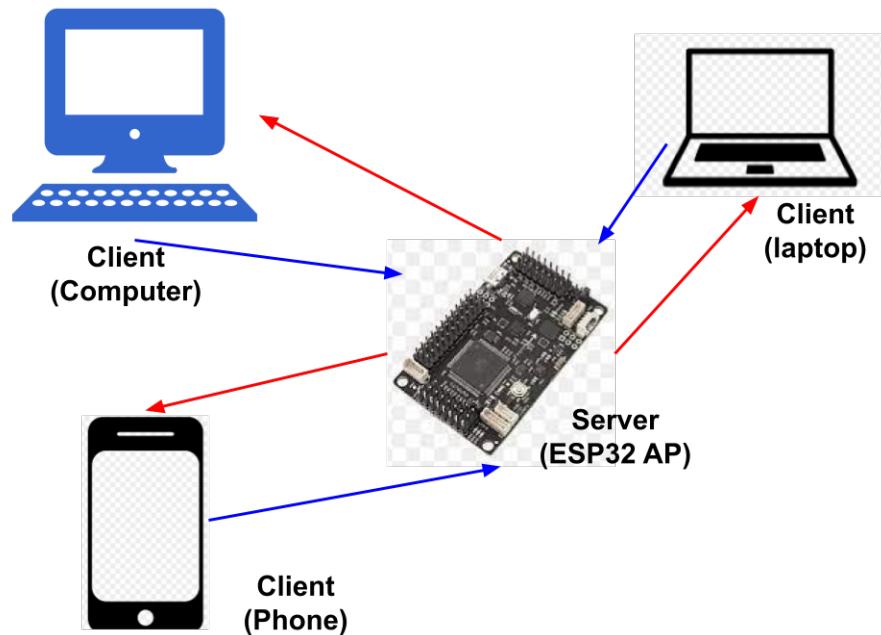
1. FOUND DIFFERENT WI-FI
2. MADE IT LIGHT UP A SIMPLE LED
3. CREATE THE SEQUENCE LAMP

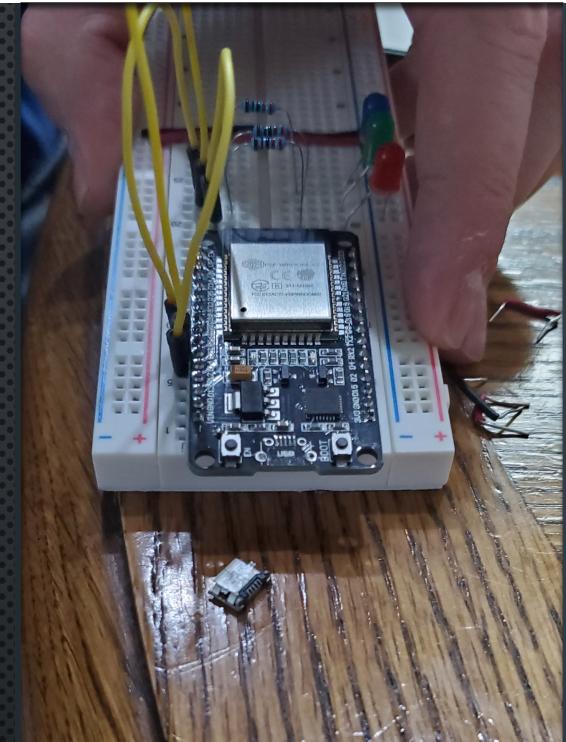




SETUP

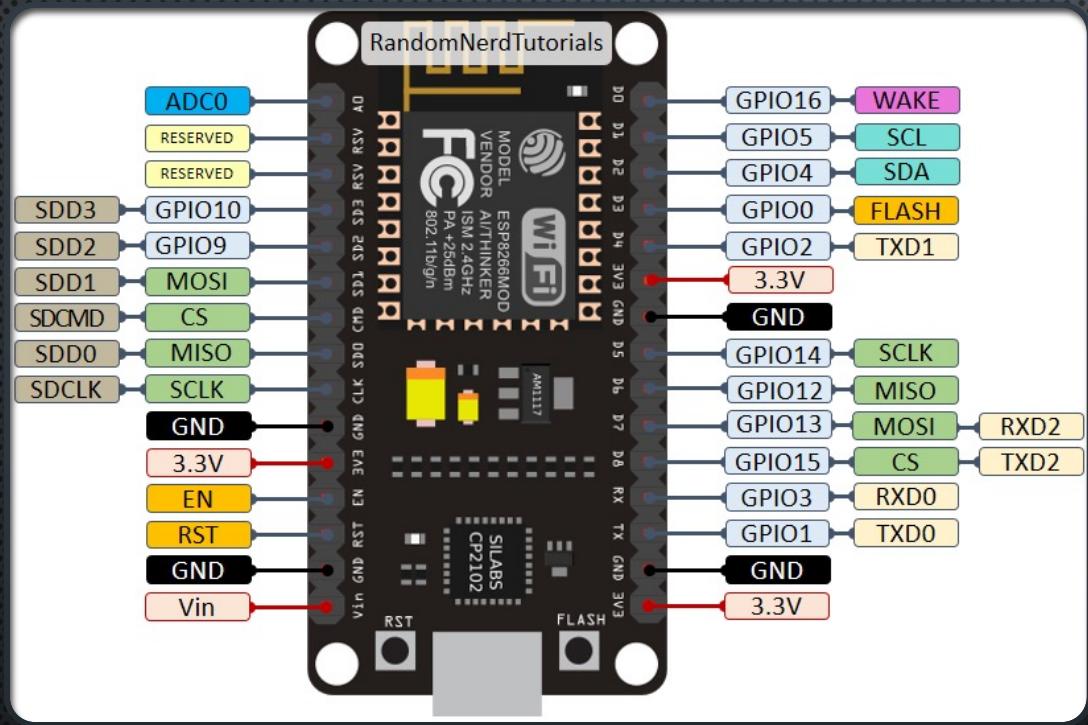
NETWORK SETUP



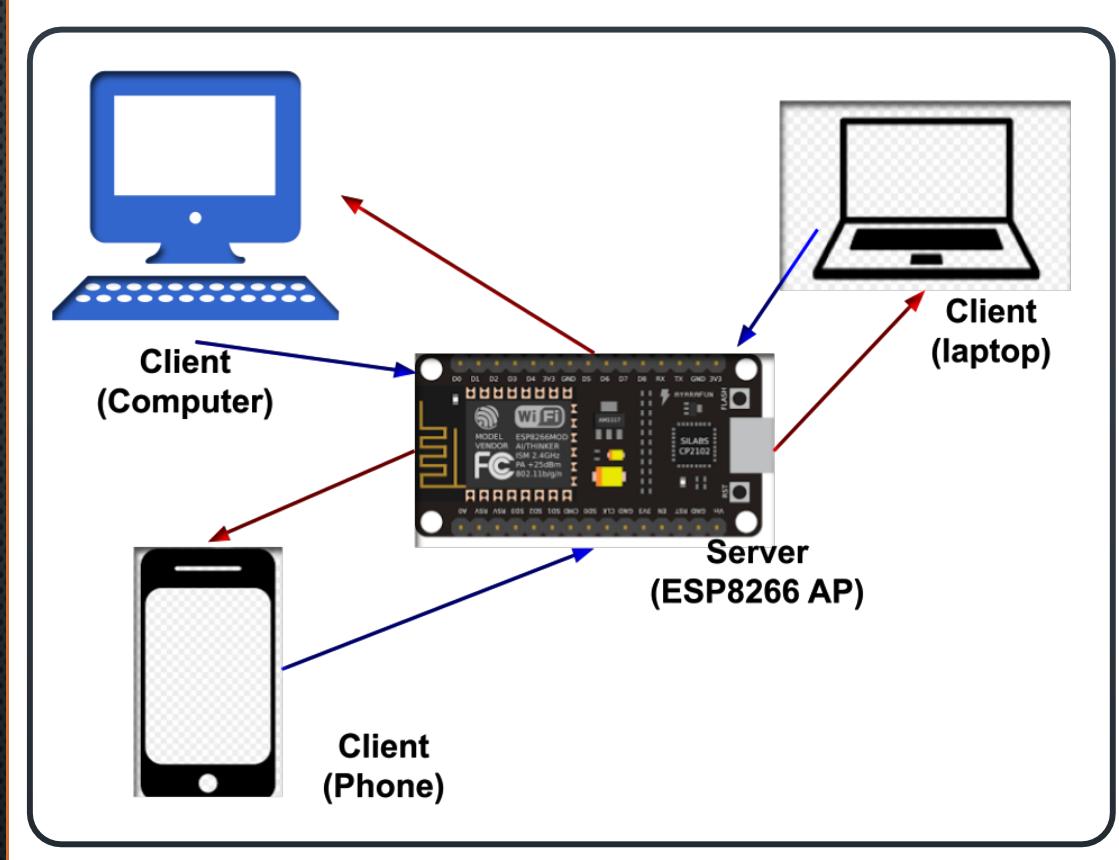


PROBLEMS

- HAVING A HARD TIME CONNECTING TO MAC PORTS
- BROKE ESP32
 - NEED TO FIND ALTERNATE WAYS

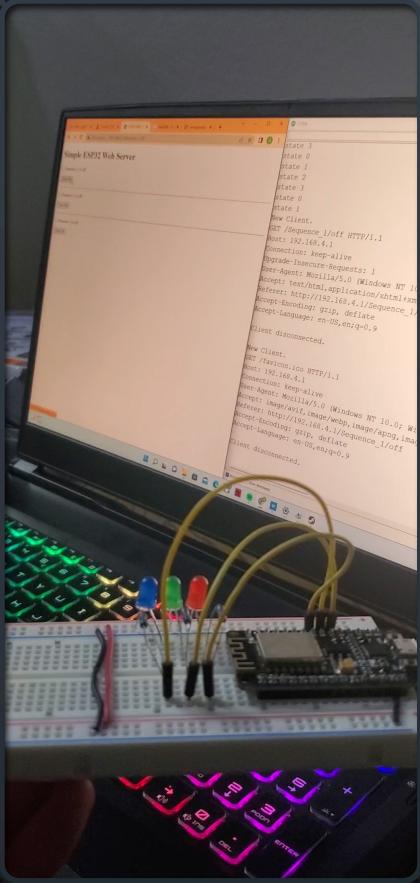


ESP8266

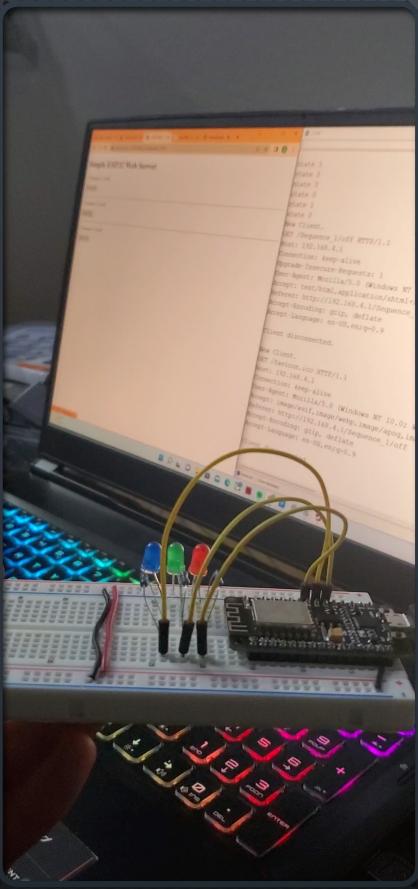


NEW SETUP

SEQUENCE 1



SEQUENCE 2



SEQUENCE 3

