

Radio Control

Team Members:



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Why are we doing this lab? We are using the ESP32 as a server to allow our computers to issue commands using LED lights. This lab serves as practice for how we will operate our drones once they are ready to go.

Materials:

Arduino Program

Internet

ESP32

LED lights

Resistors

Breadboard

Lab procedure:

1. Obtained the ESP32 from Prof.Prater.
2. Set up the Arduino app on our computers and downloaded the files that would recognize the ESP32 in order to start coding.
3. Used a breadboard in order to set up the lights and resistors.

Results: <https://youtu.be/qp-yrr-8Kio>