LAB 03 ASSIGMENT

To do this assignment, we first opened the command prompt on the computer and moved to the location of the chapter03 file.

We then created and activated a virtual environment. Finally we upgraded pip and installed dependent packages.

While doing this, we used the following commands.

• $ cd chapter03

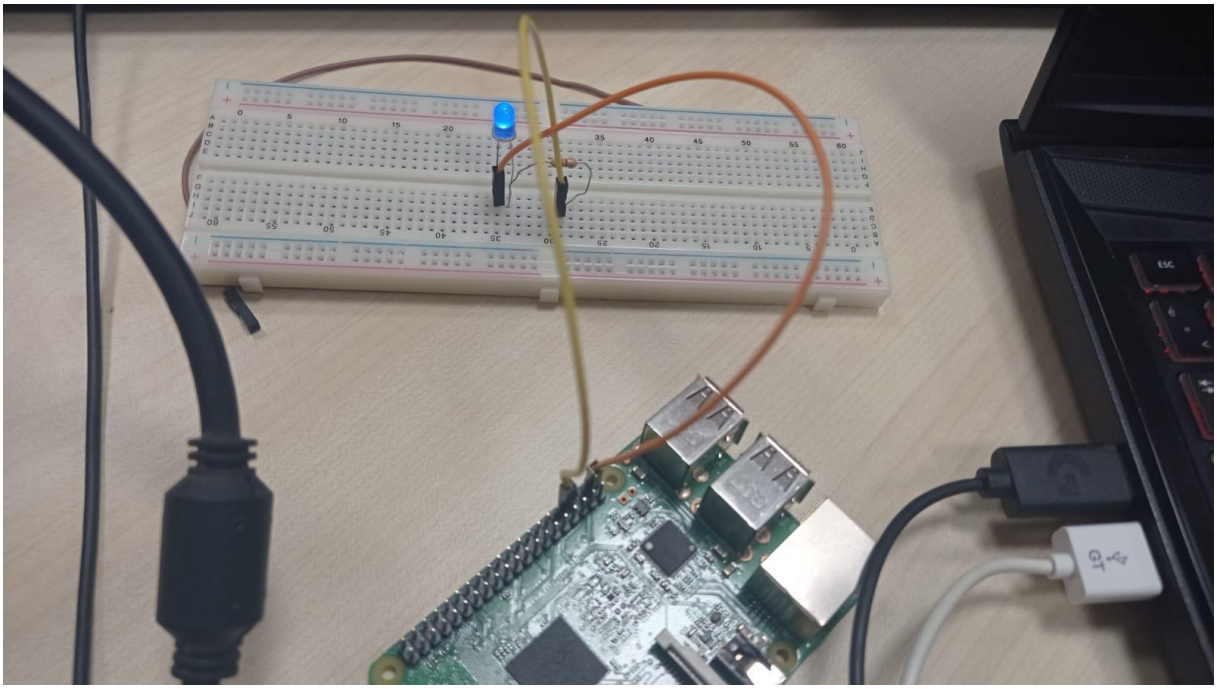
• $ python3 -m venv venv

• $ source venv/bin/activate

• (venv) $ pip install pip --upgrade

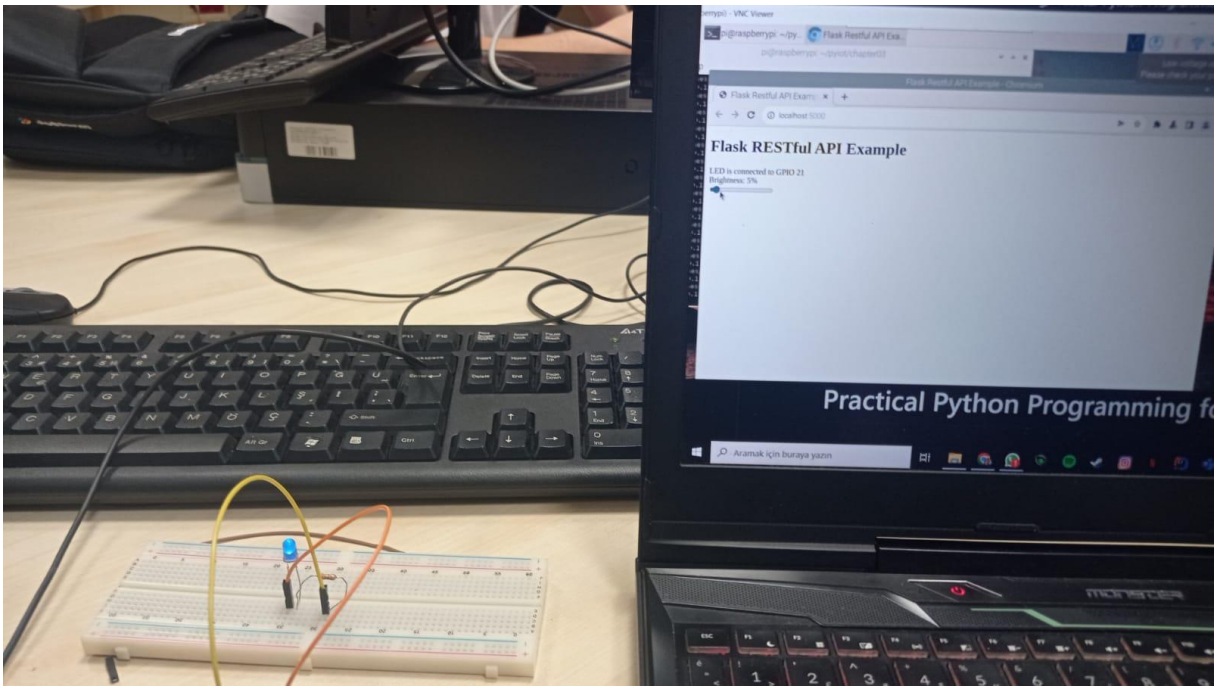
• (venv) $ pip install -r requirements.txt

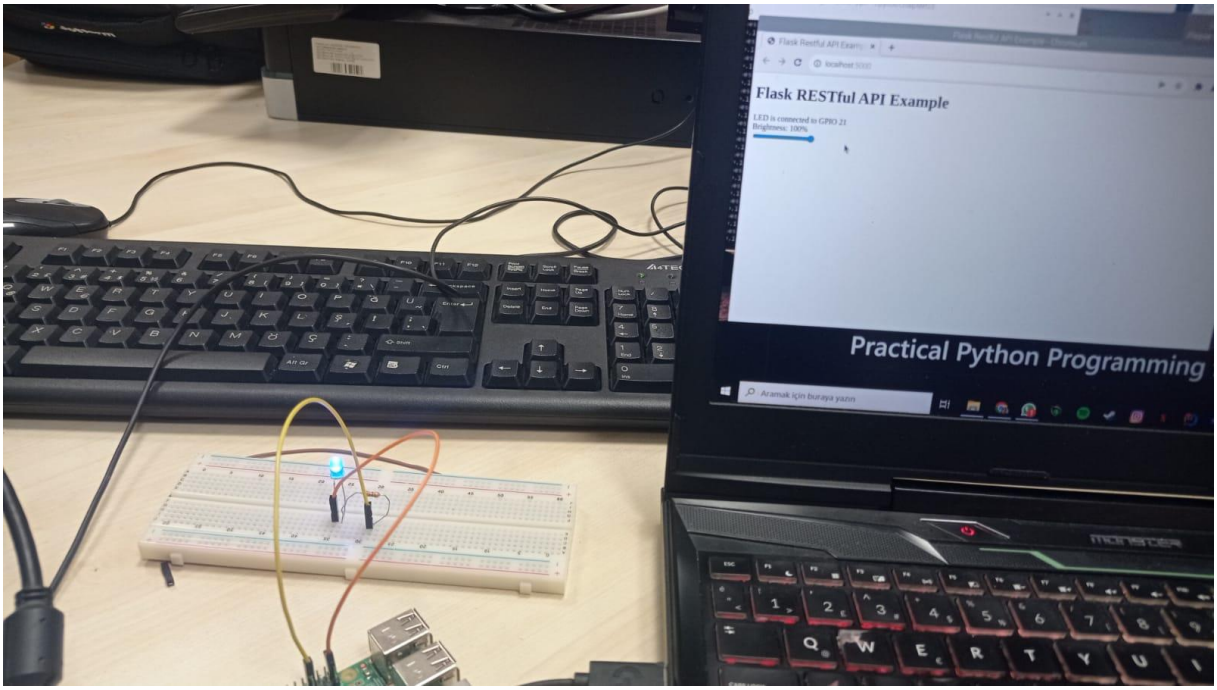
Then we designed the circuit.



• (venv) $ python flask_api_server.py We have run the command.

• We ran the (venv) $ python flask_ws_server.py command. We visited the URL http://localhost:5000 in the web browser and used the slider on this webpage to change the brightness of the LED.


Flask RESTful API Example
LED is connected to GPIO 21
Brightness: 5%
Practical Python Programming


Flask RESTful API Example
LED is connected to GPIO 21
Brightness: 100%
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