

Chapter 3

In Chapter03 folder we did followings in Raspberry pi

First of downloaded the dependencies with

- Pip3 install -r requirements.text

Then

- Flask run

If it gives pigpiod error , start the pigpiod deamon

- Sudo pigpiod

After flask run works correctly server should be running. It runs on 192.168.43.127:5000 in our network.

Then we opened the client html file in our computer. Computer and raspberry pi connected the same network. So we open the 192.168.43.127:5000 url with client html file. We were able to change the light brightness value with the bar.

Curl

Curl -d "level=0" -X POST <http://192.168.43.127:5000/led>

It changes the value of brightness with the curl. Instead of 0 we can type whatever we want.

```
}
(env) orhan@DESKTOP-HJL7PFN ~> curl -d "level=100" -X POST http://192.168.43.127:5000/led
{
  "level": 100
}
(env) orhan@DESKTOP-HJL7PFN ~> curl -d "level=0" -X POST http://192.168.43.127:5000/led
{
  "level": 0
}
```

Video Link: <https://www.youtube.com/shorts/jgfSkuKdUOg>