**Make our app reachable on the standard port 80**

The need of this task is to forward incoming traffic to the default port 80 to the port 8080 where the server is listening. This can be achieved by port forwarding using **ufw**.

UFW is the user friendly interface for iptables firewall in the Ubuntu server. It is disabled by default.

Enable UFW by the following command

Sudo ufw enable

Note that you will need to make sure port 8080 is allowed, otherwise ufw will block the requests that are redirected to 8080. We also need to ensure that the ssh port (22) is open for my IP, else we will be locked out of our own server. Also need to open port 80 for incoming traffic.

sudo ufw allow 8080/tcp

sudo ufw allow ssh

sudo ufw allow 80

Add the following lines at the top of the before.rules file (/etc/ufw/before.rules)

\*nat

:PREROUTING ACCEPT [0:0]

-A PREROUTING -p tcp --dport 80 -j REDIRECT --to-port 8080

COMMIT

The lines above implement port forwarding from port 80 to 8080

Restart ufw after this.

Sudo ufw disable

Sudo ufw enable