1. Problem 1:

- Create bridge network with subnet 192.168.0.0/24.
- Run 2 containers and attach containers to this network.
- Create another bridge network with subnet 10.5.0.0/24.
- Run any container and attach it to the new network.
- Make sure that the containers at different network can’t ping each other

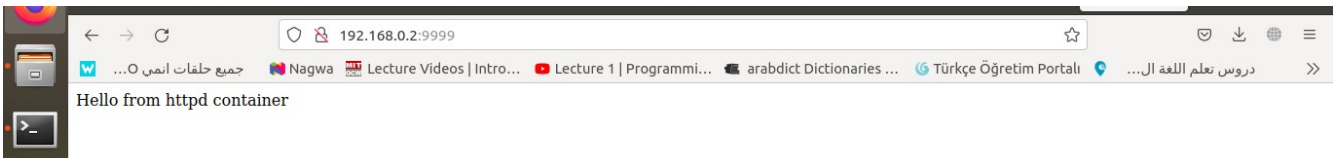
$ sudo docker network create --driver=bridge --subnet=192.168.0.0/24 mynet192

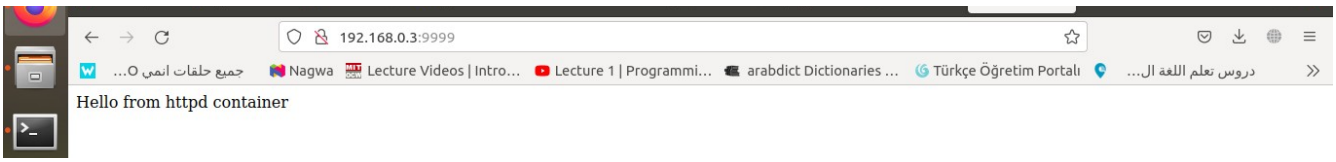
$ sudo docker run --name container1-mynet192 httpd:v1.0

$ sudo docker network connect mynet192 container1-mynet192

$ sudo docker run --name container2-mynet192 httpd:v1.0

$ sudo docker network connect mynet192 container2-mynet192





$ sudo docker network create --driver=bridge --subnet=10.5.0.0/24 mynet10

$ sudo docker run --name container1-mynet10 flask:v1.0

$ sudo docker network connect mynet10 container1-mynet10

2. Problem 2:

- Create a docker compose to up mysql container, node express app depend on mysqldb.
- Add volume for mysqldb
- Read enviroment variables from .env file