S_Docker_03 Docker Network, Volume And Docker Compose



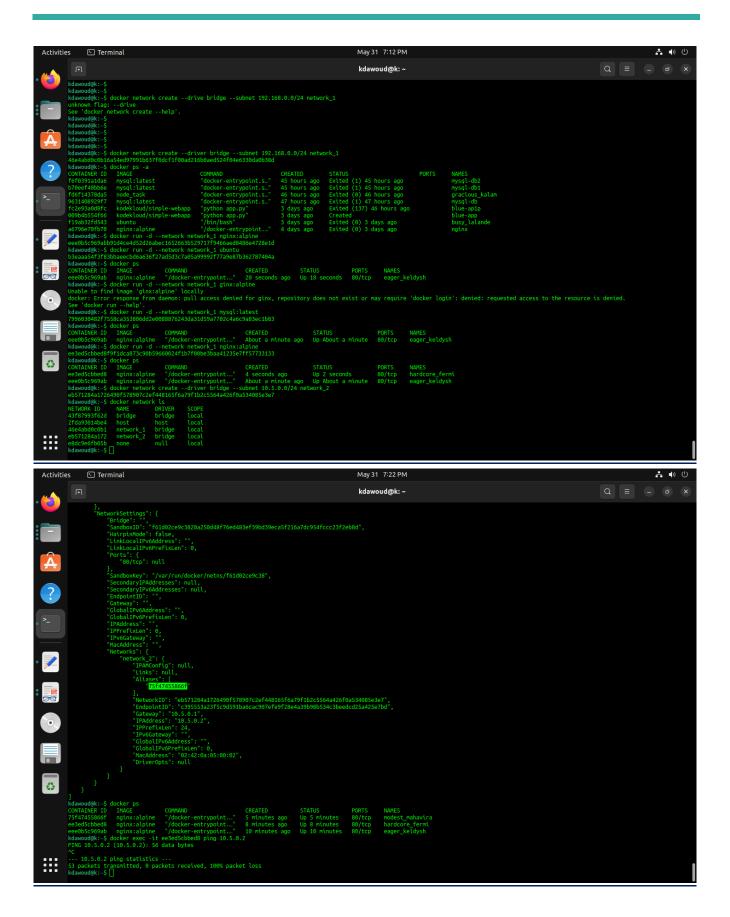
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DOCKER – DEVOPS



S_Docker_03 Docker Network, Volume And Docker Compose: Lab 3

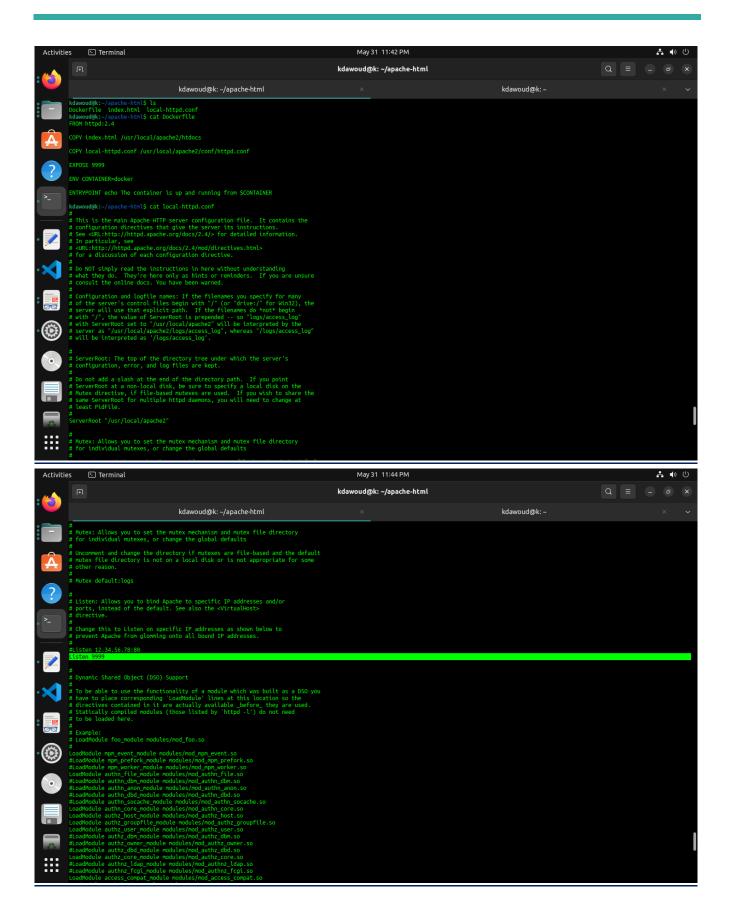
Problem 1:

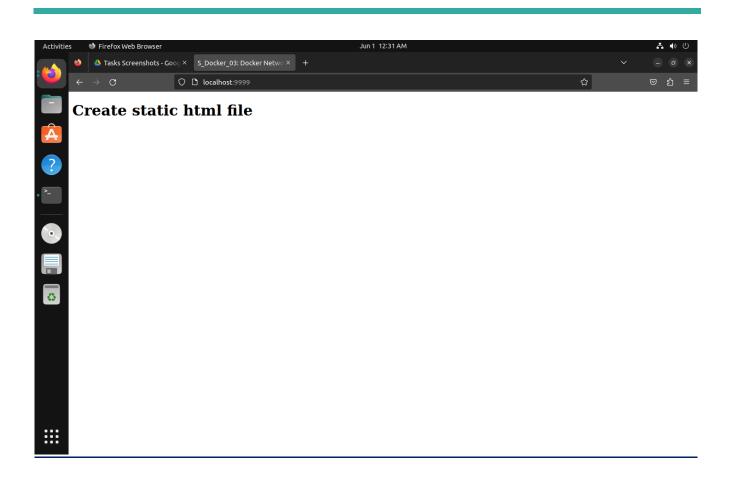
- Create bridge network with subnet 192.168.0.0/24.
- Run 2 containers and attach containers to this network.
- Create another bridge network with subnet 10.5.0.0/24.
- Run any container and attach it to the new network.
- Make sure that the containers at different network can't ping each other



Problem 2:

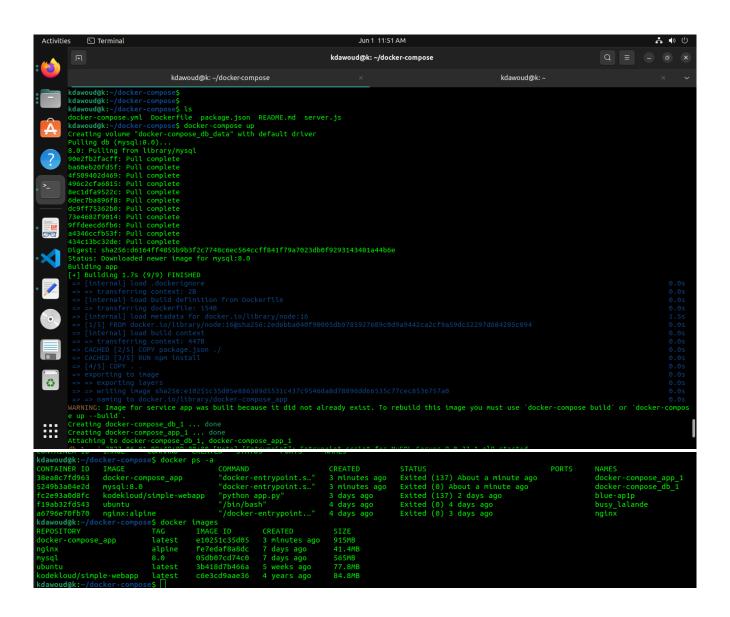
- Create static html file
- Write Dockerfile to build image based on httpd to host the html file and specify the following:
 - o Copy the html file.
 - o Copy a new configuration file to listen on port 9999 instead of 80
 - o Open the port 9999 in the container
 - o Add environment variable CONTAINER with value docker .
 - o Add startup command to echo the variable

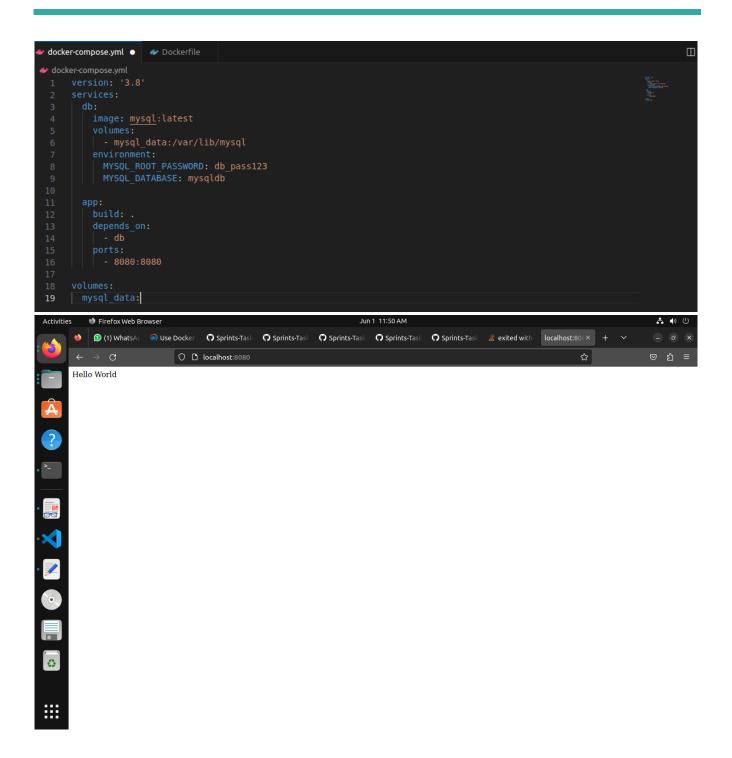




Problem 3:

- Create a docker compose to up mysql container, and https://github.com/sabreensalama/dockerize-node-app-task which depend on mysqldb.
- Add volume for mysgldb





Problem5:

- Use docker compose to deploy ghost platform (image: ghost:1-alpine)(Ghost
 is a free and open source blogging platform written in JavaScript)
- Use mysql database instead of sqlite.

