**Docker Cheat Sheet**

**//Running your docker container**

docker run -p – p is port forwarding: host:container

docker run -v – v is volume mounting: host:container

docker build – builds your docker container from a Dockerfile. Need to add a location (i.e: docker build -t hereismycontainer:v1 . (notice the “.” at the end- which means that the Dockerfile is in this directory)

docker pull –pulls an image from a docker repo

docker build -t – -t is to tag your container for reference

**//Managing your docker container**

docker ps – lists all currently running docker containers

docker ps -a -- lists all docker containers both stopped AND running

docker ps -a -q – lists JUST the container IDs of all containers (stopped and running)

docker commit <container name> --builds your container into an image

**//Removing/deleting containers**

docker rm <container name> --removes a container

docker rm $(docker ps -a -q) –removes all containers

docker rmi <image ID> --removes an image

docker images –lists images

docker prune –gets rid of all STOPPED containers

docker network prune –gets rid of any lingering network

docker images prune –deletes any dangling images

docker volumes prune –deletes any leftover volumes

**//How to walk around in your container**

docker exec -ti <containername> /bin/bash (use this one)

docker attach <containername>

ctrl p + q

**//Docker Network**

docker network ls –lists all of your docker networks

docker network create <network Name> --creates a network

docker network connect <container name> <network> --adds a container to a network

docker network rm <network> --removes a container from a network

docker network disconnect <container> <network> --disconnect a container from a network

docker network prune –deletes unused networks

**//Docker Compose**

docker-compose up –reads a docker-compose.yml and runs it

docker-compose down –takes down the network created in the docker-compose yaml