Docker

Build:

docker build -t <image\_name> <directory>

*Ex: docker build -t some\_name .*

Run:

docker run -dp port:port <image\_name>

Ex: *docker run -dp 3000:3000 some\_name*

See Processes and Container Ids:

docker ps

docker ps -a (all containers)

See Images:

docker image ls

Delete Images:

docker rmi <image-id>

Ex: *docker rmi 32rj9*

Stop:

docker stop <container-id>

Ex: *docker stop 806fc*

Restart Containers (Can restart exited containers)

docker restart <container-id>

Ex: *docker restart 806fc*

Remove Containers:

docker rm <container-id>

*Ex: docker rm 806fc*

*docker rm -f 806fc* (stop and remove)

Run Command in Container (in terminal)

docker exec <container-id> <command>

Ex: *docker exec 806fc ls*

Docker Volumes:

(see) docker volume –help

docker volume create <file>

docker run -dp port:port <file>:/some/file/path <image\_name>

Dev-Mode Container (See tutorial):

Ex: *docker run -dp 3000:3000 -w /app “$(pwd):/app” node:12-alpine sh -c “yarn install && yarn run dev”*

Networks:

docker network create todo-app

Ex: *docker run -d --network todo-app --network-alias mysql -v todo-mysql-data:/var/lib/mysql -e MYSQL\_ROOT\_PASSWORD=secret -e MYSQL\_DATABASE=todos mysql:5.7*