cheat sheet

1. **Linux Command**

* ls , ls -la , ll
* touch
* clear
* sudo
* vi , nano
* mkdir
* cd , cd ..
* rmdir
* rm ,rm -r
* pwd
* cp
* mv
* chmod
* chown
* exit

1. **Docker images**

* docker pull hello-world
* docker images
* docker image ls
* docker images --no-trunc
* docker image inspect <images>
* docker rmi repository: tag

1. **Docker container**

* docker run hello-world
* docker ps
* docker container ls
* docker ps -a
* docker container ls -a
* docker run --rm -it busybox
* docker run nginx
* docker run -d nginx
* docker run -d --name <container\_name> nginx
* docker run -d --name <container\_name> -p <port:port> nginx
* docker exec -it <container\_name> bash
* docker run -d --name <container\_name> -p <port:port> -e < environment>nginx
* docker run -d --name <container\_name> -p <port:port> -e < environment >-e TZ=Asia/Bangkok nginx
* docker stop <container id หรือ container name>
* docker start <container id หรือ container name >
* container inspect <container id หรือ container name >
* docker rm <container id>
* ทดสอบ ติดตั้ง mariadb-container

1. **Docker volume**

* docker volume create my-volume
* docker volume ls
* docker volume inspect my-volume
* docker volume rm my-volume
* docker cp <file> <container\_name>:<path>
* docker run --name nginx -v my-volume-nginx:/var/log/nginx -d nginx
* docker run --name nginx -v $(pwd)/nginx:/var/log/nginx -d nginx
* docker run -d --name nginx --mount source=my-volume-nginx,target=/var/log/nginx nginx
* docker run --name mysqldb -v $(pwd)/database:/var/lib/mysql -e MYSQL\_ROOT\_PASSWORD=1234 -e MYSQL\_DATABASE=sqldb -p 3306:3306 -d mysql
* ทดสอบ ติดตั้ง postgres-db

1. **Docker network**

* docker network ls
* docker network create <network\_name>
* docker network connect <network\_name> <container\_name>
* docker network inspect <network\_name>
* docker network disconnect <network\_name> <container\_name>
* docker network rm <network\_name>
* docker run --name myadmin -d -e PMA\_HOST=sqldb -p 7777:80 phpmyadmin
* docker network create <network name>
* docker network connect <network name> <container name>
* ทดสอบ ติดตั้ง pgadmin

1. **Install nvm , npm ,angular/cli**

* Download nvm and install

curl -o- https://raw.githubusercontent.com/nvm-sh/nvm/v0.39.3/install.sh | bash

* nvm install <version number>
* nvm ls
* Install npm

apt install npm

* Install angular

Npm install -g @angular/cli

1. **Dockerfile**

* ng new angular
* nano Dockerfile
* docker build -t stage:1.0.0 .
* nano nginx.conf
* docker build -t multi-stage:1.0.0 .
* docker run -name angular -d -p 8800:80 multi-stage:1.0.0’

1. **Docker Registry**

* docker login -u
* docker tag <image-old> <new-image>
* docker push <new-image:tags>

1. **Docker-compose**

* nano docker-compose.yml
* docker compose up -d
* docker compose down
* ทดสอบ ติดตั้ง wordpress ใน stack

1. **Docker system**

* docker system df
* docker system events
* docker system info
* docker system prune