**Assignment 1: deploy static web page**

Create a VM and install docker.

* Create a directory.

**mkdir assignment1**

**cd assignment1**

* Create an index file.

**vi index.html**

Hi , this is index.html

* Create a docerkfile

**1st way of deploying static web page**

-----------------------------------------------

**vi Dockerfile**

FROM nginx:alpine

MAINTAINER Prakash

COPY . /usr/share/nginx/html

docker build -t mydockerimage01 .

docker run -itd --name mydockercontainer01 -p 7000:80 mydockerimage01

<VM>:7000

**2nd way of deploying static web page:**

vi Dockerfile

FROM httpd

COPY /index.html/ /usr/local/apache2/htdocs/

docker build -t my-apache2

docker run -dit --name my-running-app -p 7001:80 my-apache2

<VM IP>:7001

Done ☺

**Assignment2: Deploy artifact**

mkdir assignment2

cd assignment2

Download artifact from Jenkins dashboard

**Syntax:**

wget --auth-no-challenge --http-user=<jenkinsuser> --http-password=<jenkinspassword> http://<Jenkins Public IP>:8080/job/ci-job/4/artifact/webapp/target/webapp.war

**Example:**

wget --auth-no-challenge --http-user=admin --http-password=admin <http://18.1.1.1:8080/job/ci-job/4/artifact/webapp/target/webapp.war>

vi Dockerfile

FROM tomcat

MAINTAINER Prakash

COPY webapp.war /usr/local/tomcat/webapps

docker build -t tomcat1 .

docker run -itd --name mytomcat1 -p 7002:8080 tomcat1

<VM IP>:7002/webapp

Done ☺