Docker Assignment 4 :

Pipeline :

pipeline {

agent {

label "apple"

}

stages{

stage("docker-install") {

steps{

sh '''

sudo yum install docker -y

sudo systemctl start docker

docker stop 2025Q1 2025Q2 2025Q3 || true

docker rm 2025Q1 2025Q2 2025Q3 || true

'''

// sh "sudo usermod -aG docker ec2-user" //need to restart jenkins

}

}

stage("2025Q1") {

steps {

dir("docker-assign-3/2025Q1") {

sh "rm -rf \*"

git url : "https://github.com/SarthakAJ/docker-repo-1.git",

branch : "2025Q1"

sh '''

docker volume create Q1

sudo cp index.html /var/lib/docker/volumes/Q1/\_data/

docker run -dp 80:80 -v Q1:/usr/local/apache2/htdocs/ --name 2025Q1 httpd

docker exec 2025Q1 chmod -R 755 /usr/local/apache2/htdocs/

'''

}

}

}

stage("2025Q2") {

steps {

dir("docker-assign-3/2025Q2") {

sh "rm -rf \*"

git url : "https://github.com/SarthakAJ/docker-repo-1.git",

branch : "2025Q2"

sh '''

docker volume create Q2

sudo cp index.html /var/lib/docker/volumes/Q2/\_data/

docker run -dp 90:80 -v Q2:/usr/local/apache2/htdocs/ --name 2025Q2 httpd

docker exec 2025Q2 chmod -R 755 /usr/local/apache2/htdocs/

'''

}

}

}

stage("2025Q3") {

steps {

dir("docker-assign-3/2025Q3") {

sh "rm -rf \*"

git url : "https://github.com/SarthakAJ/docker-repo-1.git",

branch : "2025Q3"

sh '''

docker volume create Q3

sudo cp index.html /var/lib/docker/volumes/Q3/\_data/

docker run -dp 8001:80 -v Q3:/usr/local/apache2/htdocs/ --name 2025Q3 httpd

docker exec 2025Q3 chmod -R 755 /usr/local/apache2/htdocs/

'''

}

}

}

}

}





