Week1 assessment

[Assignment/demo-maven at main · shashidhar-1010/Assignment (github.com)](https://github.com/shashidhar-1010/Assignment/tree/main/demo-maven) git hub link

Git Commands:

Git checkout -b branch1 master

Git checkout branch1

Git add .

Git commit -m “code committed”

Git push -u origin branch1

Once we have created the docke file in the project and made all the required changes there if we do mvn clean install -DskipTests jar file will be created in the local

Now go to the folder where the jar file is created and use below commads

Docker build -t shashi10/docker-demo “this is my image name”

Now create container for that image

Docker run –name mycontainer -p 8080:8080 -d shashi10/docker-demo

Mycontainer container will be created in the docker and can be seen

JENKINS

Create a task

Give github rep link

Poll svm

Write the below code in pipeline

pipeline {

agent any

stages {

stage('Build project') {

steps {

checkout scmGit(branches: [[name: '\*/master']], extensions: [], userRemoteConfigs: [[url: 'https://github.com/shashidhar-1010/Assignment/tree/main/demo-maven']])

bat 'mvn clean install'

}

}

stage('build docker image'){

steps{

bat 'docker build -t shashi10/devops .'

}

}

stage("publish docker image"){

steps{

bat 'docker push shashi10/devops'

}

}

}

}

Then use save , now use build run

Image will be crated in the docker desktop

And also the image will get pushed in the docker hub when we give credentials