DevOps

**Exp1**

First cd to project-> add files

git config --global user.name “ ”

git config --global user.email “ ”

git init

git status

git add \*

git commit -m “ ”

git remote add variable <https://github.com/VNS-2002/practise.git>

**EXP2 and 3**

**Build a job**

java -jar jenkins.war -to open Jenkins

Advanced ->

Use custom workspace

Directory – “path of java file folder ”

Build periodically ->

H/2 \* \* \* \*

**Execute Windows batch command ->**

javac add.java

java add

EXP3 and EXP 4

Scripted pipeline mat pipeline ka code Jenkins me hi hoga i.e. exp3

Aur declarative me GitHub e se jenkinsfile i.e. exp4

First create a folder in /xammp/htdocs/ then add some html files

Push the folder in github repo .

Goto Jenkins ->new pipeline ->

**For exp3: -> Pipeline**

**Definition -> Pipeline Script -> write this**

**For exp4: -> Pipeline**

**Definition -> Pipeline Script from Scm -> SCM-> GIT write this**

pipeline {

agent any

stages{

stage('checking python version') {

steps {

bat 'python -V'

}

}

stage('REPO Cloning'){

steps {

bat 'xcopy /S "\*" "C:/xampp/htdocs/newxampp" /Y'

//[add path of folder that you created in htdocs]

}

}

stage('Print done'){

steps{

echo 'Done!'

}

}

}

}

Now run it.

**EXP 6**

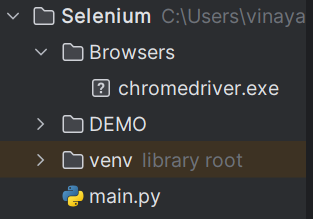
**Install python ,pychram**

**Install selenium by command**

Python -m pip install -U selenium

Create a new PyCharm project

Also in same project folder install chrome webdrivers from link:- <https://chromedriver.storage.googleapis.com/index.html?path=79.0.3945.36/>



Paste this code in main.py

from selenium import webdriver  
import time  
from selenium.webdriver.common.keys import Keys  
print("sample test case started")  
driver = webdriver.Chrome()  
driver.maximize\_window()  
driver.get("http://localhost/workshop/signup.php") //here//  
time.sleep(10)  
driver.find\_element("name", "username").send\_keys("vinayak")  
time.sleep(10)  
driver.find\_element("name", "phone").send\_keys("9076260354")  
time.sleep(10)  
driver.find\_element("name", "email").send\_keys("vinayak12528@gmail.com")  
time.sleep(10)  
driver.find\_element("name", "password").send\_keys("abcd1234")  
time.sleep(4)  
  
driver.find\_element("name", "submit").send\_keys(Keys.ENTER)  
time.sleep(4)  
  
driver.close()  
print("sample test case successfully completed")

paste URL of webpage that you have to test in driver.get("here")

change element name accordingly (use right clicl-inspect element and see the name )

run the main.py

**EXP 7**

create folder name it php\_something

open it in vscode

create index.php write <h1>Hello World</> in it

create Dockerfile

FROM php

COPY ./ ./

EXPOSE 3000

CMD ["php","-S","0.0.0.0:3000"]

in terminal write

docker build . -t nuffsaid25/php\_something

docker run --name=php -p=3000:3000 nuffsaid25/php\_something

then write commands

docker images

docker tag 395202956311 dockerusername/php\_something

docker push dockerusername/php\_something:latest

**EXP 8**

docker -v

docker login

docker pull ubuntu

docker run --name ubuntusahil -it ubuntu

docker diff ubuntusahil

docker images

docker commit ubuntusahil updateubuntuimage

docker images

docker tag b9db526050e2 sahil0272/vinu //image id displayed in docker image command

docker push sahil0272/vinu:latest