Prac 1

1. git config –global user.name ”ArijeetDe”
2. git config –global user.emai l”[arijeetdey34@gmail.com](mailto:arijeetdey34@gmail.com)”
3. git init
4. git add file1.html file2.html file3.html
5. git commit -m”3 files added”
6. git remote add origin “http/:github/link”
7. push -u origin master
8. git pull origin master

Prac 2

1. Create java code for addition of two numbers
2. Copy path of where the code file is saved
3. In jenkins select new item > freestyle project
4. Now under general > advanced select custom workspace and paste the copied path
5. Under build environment > build step select executing on bash command
6. Type “javac addition.class && java addition”
7. Finally select build now
8. Now to see output click on the #1 and select the console output

Prac 3

1. Create addition of two number code
2. Upload to gihub
3. Create pipeline in jenkins by selecting new item > pipeline
4. Write the following pipeline script(scripted pipeline)

pipeline {

agent any

triggers {

cron('\*/2 \* \* \* \*') // Run every 2 minutes

}

stages {

stage('Checkout') {

steps {

git 'https://github.com/your-username/your-repo.git'

}

}

stage('Build') {

steps {

bat 'javac src/Addition.java'

}

}

}

}

1. Click build now

Prac 4

1. New item> pipeline
2. Script

piprline{

agent any

stages{

stage(build){

steps{

git "http://git/location of repo"

}

}

stage(deploy to xampp){

steps{

bat "copy \*.html /to/path/of/htdocs"

}

}

}

}

1. Select pipeline script from scm to configure the pipeline

Prac 5

1. Same like 4 just add jenkins.txt in the repo

Prac 6

from selenium import webdriver

from selenium.webdriver.common.keys import Keys

import time

# Instantiate a WebDriver (Chrome in this case)

driver = webdriver.Chrome()

# Navigate to the website

driver.get("https://example.com")

# Perform some actions

search\_box = driver.find\_element\_by\_name("q")

search\_box.send\_keys("Selenium")

search\_box.send\_keys(Keys.RETURN)

# Wait for the results to load

time.sleep(2)

# Perform assertions

assert "Selenium" in driver.title

assert "No results found." not in driver.page\_source

# Close the browser

driver.close()

Prac 7

1. Create “dockerfile” and paste the following

FROM php:latest

COPY ./var/www/html

1. Docker build -t dockerhub username/php project
2. Docker tag docker username/php file dockerusername/php file:latest
3. Docker login
4. Docker push docker username/php file

Prac 8

1. Docker pull ubuntu
2. Docker run-it - –name my ubuntu ubuntu
3. Nano file.txt
4. Docker commit my ubuntu docker-username/my ubuntu : latest
5. Docker login
6. Docker push dockerusername/my ubuntu:latest