===========================

Git Command ::

1) sudo apt install git

2) git clone

git clone is a Git command line utility which is used to target an existing repository and create a clone, or copy of the target repository.

3) Create Folder in your local

cd Cucumber\_project/

4) git status

5) git add .

6) git commit -m “message”

7) git config --global user.email "you@example.com"

git config --global user.name "Your Name"

8) git push

========================

DISPLAY

localhost:0.0

Pipeline ::

pipeline {

agent any

stages {

stage('checkout') {

steps {

git credentialsId: 'git', url: 'git@github.com:preyasrana/Cucumber\_project.git'

}

}

stage('test') {

steps {

sh 'mvn test'

}

}

}

}

===================

Add Credentails ::

Manage Jenkins > Manage Credentails > Credentails >> Store >> Jenkins

Add Credentails ::

Username : Jenkins username

Password :

ID :

Description :

===============================

SSH Username with Private Key

Id : gitpreyas

Descipriton : gitpreyas

username :

private key :

cd .ssh

ls >> id\_rsa id\_rsa.pub

cat id\_rsa.pub

Generate Laptop Key >> ssh-keygen

Add Public Key in Github ::

SSH & GPG Key >> Add it

Jenkins in Add Private Key ::

=====================================

====================================

Docker ::

Install Docker using below link ::

https://www.simplilearn.com/tutorials/docker-tutorial/how-to-install-docker-on-ubuntu

====================================

TestNG Parallel Testing, Opens two browser but runs all tests only in 1 browser

================================================

Cypress :

1) Fixture : Always Provide a Static data : Constant data

ex. username , password ,

2) Integration part : always use for your test cases

3) plugin > all chrome option or chrome preferences are used or listener

Accept Certifigate

4) Screenshot

5) Support > Customized methods , library , any utility , wrapper

6) Cypress.json > you can add your base url , Timeout

Cypress related envirnment configuration

chromeWebSecurity false

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

describe – Group of test

context – alias of describe

it() - test

it() - test > multiple test you can defined

it’s a hook ::

before()

after ()

skip >> it.skip() > skip test cases

I.only() > only specific test run

Precondition >

test assertion > Expected vs Actual

Post steps

===============================================

Command line through how to run

./node\_modules/.bin/cypress run

Ctrl C > terminate your current test case

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

1) Only Specific js file run in cypress

./node\_modules/.bin/cypress run --spec cypress/integration/mytest/viewport.js

2) /node\_modules/.bin/cypress run --spec cypress/integration/mytest/\*.js

3) ./node\_modules/.bin/cypress run --spec cypress/integration/mytest/viewport.js --browser chrome

=======================================

Cypress intelligent code complition

https://docs.cypress.io/guides/tooling/IDE-integration#Writing-Tests

you can add lib in every js file

/// <reference types="cypress" />

Global Config you can add >> jsconfig.json file

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

Command for whole code to comment >> Ctrl + /

same as Uncomment

// "chromeWebSecurity": false

====================================================

File upload in Cypress

https://www.npmjs.com/package/cypress-file-upload

import 'cypress-file-upload';

===========================================

MochaAwesome

https://www.npmjs.com/package/cypress-mochawesome-reporter

https://www.npmjs.com/package/mochawesome

https://www.npmjs.com/package/mochawesome-merge

--headed > run in browser

./node\_modules/.bin/cypress run --spec cypress/integration/TestCase/Fileupload.js --browser chrome –headed

======================================

Alert API :

https://docs.cypress.io/api/events/catalog-of-events#Event-Types

cypress run --record --key 8c13f4ca-29b8-4667-90fa-8a62c9f80dfd

./node\_modules/.bin/cypress run --spec cypress/integration/TestCase/Fileupload.js --record --key 8c13f4ca-29b8-4667-90fa-8a62c9f80dfd

=======================================

./node\_modules/.bin/cypress run –headed

./node\_modules/.bin/cypress run

./node\_modules/.bin/cypress run --browser chrome --headed

===================================================

iframe add into project

npm install -D cypress-iframe

/// <reference types ="Cypress"/>

/// <reference types ="cypress-iframe"/>

import 'cypress-iframe'

====================================================

Cypress Framework ::

Cypress installation ::

mkdir cypressautomation

cd cypressautomation

npm –i init

npm install cypress –save-dev

node\_module/.bin/cypress open

for windows getting error :

using powershell

Set-ExecutionPolicy -Scope CurrentUser -ExecutionPolicy Bypass -Force

Set-ExecutionPolicy -Scope CurrentUser -ExecutionPolicy Unrestricted –Force

./node\_module/.bin/cypress open

./node\_module/.bin/cypress --browser chrome run

npx cypress run --record --spec cypress/e2e/my-spec.cy.js

npx cypress run --browser chrome

npx cypress run --browser chrome –headed

iframe handle

npm install –D cypress-iframe

**./node\_modules/.bin/cypress run --spec cypress/e2e/Cypress-framework/cy\_framework1.js**

key : 8c13f4ca-29b8-4667-90fa-8a62c9f80dfd

project id : 2p9vy2

./node\_modules/.bin/cypress run --record --key 8c13f4ca-29b8-4667-90fa-8a62c9f80dfd **--spec cypress/e2e/Cypress-framework/cy\_framework1.js**

=======================================================

Jenkins ::

**HTML5 Notification Configuration**

**This project is parameterised**

**Name : Script**

**testrun**

**headed-testrun**

**chrome-headed**

**chrome-browser**

**Build >>**

**Build**

**Execute shell**

**npm run "$Script"**