**SOFTWARE TESTING PROGRAMM**

1)Amazon:

package sele2;

import java.util.Iterator;

import java.util.Set;

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.chrome.ChromeDriver;

public class amzon {

public static void main(String[] args) throws InterruptedException {

System.setProperty("webdriver.chrome.driver", "C:\\\\Users\\\\Rijwana\\\\Desktop\\\\rijwana\\\\chromedriver\_win32\\\\chromedriver.exe");

WebDriver driver=new ChromeDriver();

driver.manage().window().maximize();

driver.get("https://www.amazon.com");

driver.findElement(By.id("twotabsearchtextbox")).sendKeys("Book");

String mainWindowHandle = driver.getWindowHandle();

Set<String> allWindowHandles = driver.getWindowHandles();

Iterator<String> iterator = allWindowHandles.iterator();

// Here we will check if child window has other child windows and will fetch the heading of the child window

while (iterator.hasNext()) {

String ChildWindow = iterator.next();

if (!mainWindowHandle.equalsIgnoreCase(ChildWindow)) {

driver.switchTo().window(ChildWindow);

WebElement text1 = driver.findElement(By.className("nav-a"));

System.out.println("Heading of child window is " + text1.getText());

driver.quit();

//WebElement searchButton=driver.findElement(By.cssSelector((".nav-search-submit")));

//searchButton.click();

}

}

}

}

**2)Amzon 2-**

package sele2;

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.chrome.ChromeDriver;

public class amzon2 {

public static void main(String[] args) throws InterruptedException {

System.setProperty("webdriver.chrome.driver", "C:\\\\Users\\\\Rijwana\\\\Desktop\\\\rijwana\\\\chromedriver\_win32\\\\chromedriver.exe");

WebDriver driver=new ChromeDriver();

driver.manage().window().maximize();

driver.get("https://www.amazon.com");

WebElement searchBox=driver.findElement(By.cssSelector(("#twotabsearchtextbox")));

searchBox.sendKeys("Book");

WebElement searchButton=driver.findElement(By.cssSelector((".nav-search-submit")));

searchButton.click();

driver.quit();

}

}

3)Assert1-

**package** sele2;

**import** org.testng.Assert;

**public** **class** Assert1 {

**public** **static** **void** main(String[] args) {

Assert.*assertNotEquals*("Hello","How are you");

System.***out***.println("Hello...");

//System.out.println("Hello...This is javaTpoint");

Assert.*assertNull*(**null**);

System.***out***.println("Hello...This is javaTpoint");

//System.out.println("Hello...This is javaTpoint");

Assert.*assertNotNull*(10);

System.***out***.println("java lang.");

}

}

4)Aseert2-

package sele2;

import org.openqa.selenium.WebDriver;

import org.testng.asserts.SoftAssert;

import org.testng.Reporter;

import org.testng.annotations.Test;

import org.openqa.selenium.chrome.ChromeDriver;

public class Assert3{

WebDriver driver = new ChromeDriver();

@Test (priority = 0)

public void CloseBrowser() {

driver.close();

Reporter.log("Driver Closed After Testing");

}

@Test (priority = -1)

public void OpenBrowser() {

Reporter.log("This test verifies the current selenium compatibility with TestNG by launching the chrome driver");

Reporter.log("Launching Google Chrome Driver Version 108.0.5359.125 (Official Build) (64-bit) for this test");

driver.get("https://www.toolsqa.com/testng/testng-asserts/");

SoftAssert softassert = new SoftAssert();

Reporter.log("The website used was TESTNG Assert for this test", true);

String expectedTitle = "Different types of Asserts in TestNG";

String originalTitle = driver.getTitle();

softassert.assertEquals(originalTitle, expectedTitle);

System.out.println("\*\*\* Checking For The Second Title \*\*\*");

softassert.assertEquals(originalTitle, "How to use Message as a Parameter in TestNG Asserts?" );

softassert.assertAll();

}

}

5)Assert Example-

package sele2;

import org.openqa.selenium.WebDriver;

import org.testng.asserts.SoftAssert;

import org.testng.Reporter;

import org.testng.annotations.Test;

import org.openqa.selenium.chrome.ChromeDriver;

public class Assert3{

WebDriver driver = new ChromeDriver();

@Test (priority = 0)

public void CloseBrowser() {

driver.close();

Reporter.log("Driver Closed After Testing");

}

@Test (priority = -1)

public void OpenBrowser() {

Reporter.log("This test verifies the current selenium compatibility with TestNG by launching the chrome driver");

Reporter.log("Launching Google Chrome Driver Version 108.0.5359.125 (Official Build) (64-bit) for this test");

driver.get("https://www.toolsqa.com/testng/testng-asserts/");

SoftAssert softassert = new SoftAssert();

Reporter.log("The website used was TESTNG Assert for this test", true);

String expectedTitle = "Different types of Asserts in TestNG";

String originalTitle = driver.getTitle();

softassert.assertEquals(originalTitle, expectedTitle);

System.out.println("\*\*\* Checking For The Second Title \*\*\*");

softassert.assertEquals(originalTitle, "How to use Message as a Parameter in TestNG Asserts?" );

softassert.assertAll();

}

}

6)Assert Type-

package sele2;

import org.openqa.selenium.WebDriver;

import org.testng.asserts.SoftAssert;

import org.testng.Reporter;

import org.testng.annotations.Test;

import org.openqa.selenium.chrome.ChromeDriver;

public class AsserType {

WebDriver driver = new ChromeDriver();

@Test (priority = 0)

public void CloseBrowser() {

driver.close();

Reporter.log("Driver Closed After Testing");

}

@Test (priority = -1)

public void OpenBrowser() {

Reporter.log("This test verifies the current selenium compatibility with TestNG by launching the chrome driver");

Reporter.log("Launching Google Chrome Driver version 81 for this test");

driver.get("https://www.demoqa.com");

SoftAssert softassert = new SoftAssert();

Reporter.log("The website used was DemoQA for this test", true);

String expectedTitle = "Free QA Automation Tools For Everyone";

String originalTitle = driver.getTitle();

softassert.assertEquals(originalTitle, expectedTitle);

System.out.println("\*\*\* Checking For The Second Title \*\*\*");

// Checking title for ToolsQA – Demo Website to Practice Automation – Demo Website to Practice Automation

softassert.assertEquals(originalTitle, "ToolsQA – Demo Website to Practice Automation – Demo Website to Practice Automation" );

softassert.assertAll();

}

}

7)Windows-

package sele2;

import java.util.concurrent.TimeUnit;

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.chrome.ChromeDriver;

import org.openqa.selenium.firefox.FirefoxDriver;

import org.openqa.selenium.support.ui.ExpectedConditions;

import org.openqa.selenium.support.ui.WebDriverWait;

public class ckjvfjf {

// created reference variable for WebDriver

WebDriver drv;

public void setup() throws InterruptedException {

// initializing drv variable using FirefoxDriver

WebDriver driver=new ChromeDriver();

// launching gmail.com on the browser

drv.get("https://gmail.com");

// maximized the browser window

drv.manage().window().maximize();

drv.manage().timeouts().implicitlyWait(10, TimeUnit.SECONDS);

}

public void test() throws InterruptedException {

// saving the GUI element reference into a "username" variable of WebElement type

WebElement username = drv.findElement(By.id("Email"));

// entering username

username.sendKeys("shruti.shrivastava.in");

// entering password

drv.findElement(By.id("Passwd")).sendKeys("password");

// clicking signin button

drv.findElement(By.id("signIn")).click();

// explicit wait - to wait for the compose button to be click-able

WebDriverWait wait = new WebDriverWait(driver ,30);

wait.until(ExpectedConditions.visibilityOfElementLocated(By.xpath("//div[contains(text(),'COMPOSE')]")));

// click on the compose button as soon as the "compose" button is visible

drv.findElement(By.xpath("//div[contains(text(),'COMPOSE')]")).click();

}

public void teardown() {

// closes all the browser windows opened by web driver

drv.quit();

}

}

8)Deselect Example-

package sele2;

import java.util.List;

import org.openqa.selenium.By;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.chrome.ChromeDriver;

import org.openqa.selenium.support.ui.Select;

public class Deselctexample {

public static void main(String[] args) throws InterruptedException {

System.setProperty("webdriver.chrome.driver", "C:\\Users\\Rijwana\\Desktop\\rijwana\\chromedriver\_win32\\chromedriver.exe");

WebDriver driver=new ChromeDriver();

driver.manage().window().maximize();

driver.get("https://www.shaadi.com/join-now?ptnr=shdqry3290m&aff\_url\_param=g&creativeid=594005013028&gclid=Cj0KCQiA14WdBhD8ARIsANao07j6CDTpxekmxk5ocPMpSe0C4QzIylO0BgeKu5a0glcr28FvImaZbRgaAmRfEALw\_wcB");

Select s1=new Select(driver.findElement(By.linkText("/html/body/div[1]/div[1]/div[2]/div/div[2]/form/div/div[2]/div/div[1]/div/div/div[1]")));

s1.selectByIndex(17);

Select s2=new Select(driver.findElement(By.xpath("//\*[@id=\"\_\_next\"]/div[1]/div[2]/div/div[2]/form/div/div[1]/div/div/div[1]")));

s2.deselectByVisibleText("Woman");

Select s3=new Select(driver.findElement(By.xpath("//\*[@id=\"\_\_next\"]/div[1]/div[2]/div/div[2]/form/div/div[2]/div/div[3]/div/div/div[2]/span")));

s3.deselectByValue("34");

}

}

9)DifferentTypeofXpath-

package sele2;

import org.openqa.selenium.By;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.chrome.ChromeDriver;

public class DiffrentWaysToXpath {

public static void main(String[] args) throws InterruptedException {

System.setProperty("webdriver.chrome.driver", "C:\\Users\\Rijwana\\Desktop\\rijwana\\chromedriver\_win32\\chromedriver.exe");

WebDriver driver=new ChromeDriver();

/\* driver.get("file:///C:/Users/Rijwana/OneDrive/Documents/zomato/z.html");

driver.findElement(By.partialLinkText("Check Prices")).click();

driver.findElement(By.partialLinkText("Zomato Contact us")).click();

driver.findElement(By.xpath("//\*[@id=\"fname\"]")).sendKeys("Rijwana");

driver.findElement(By.xpath("//\*[@id=\"lname\"]")).sendKeys("Shaikh");

driver.findElement(By.xpath("//\*[@id=\"pin\"]")).sendKeys("412103");

driver.findElement(By.xpath("//\*[@id=\"phone num\"]")).sendKeys("9834377006");

driver.findElement(By.xpath("//\*[@id=\"Date\"]")).sendKeys("28-10-1997");

driver.findElement(By.xpath("//\*[@id=\"Tadd\"]")).sendKeys("Pune");

driver.findElement(By.xpath("//\*[@type=\"submit\"]")).click();\*/

driver.findElement(By.linkText("Welcome")).click();

driver.findElement(By.xpath("/html[1]/body[1]/div[1]/div[1]/div[1]/div[1]/div[27]/div[1]/div[1]/a[1]/img[1]")).click();

driver.findElement(By.xpath("/html[1]/body[1]/div[1]/div[1]/div[1]/div[1]/div[27]/div[1]/a[1]/span[1]")).click();

driver.findElement(By.id("email")).sendKeys("Sam123@gmail.com");

driver.get("https://www.edubridgeindia.com/");

driver.findElement(By.partialLinkText("In")).click();

driver.findElement(By.xpath("//\*[@id=\"login\_mobile\"]")).sendKeys("9834377002");

driver.findElement(By.xpath("//\*[@type=\"password\"]")).sendKeys("Sspm111\*\*\*");

driver.findElement(By.xpath("//button[@id=\"btnLoginSubmit\"]")).click();

driver.findElement(By.xpath("//\*[contains(@class, 'zcardpara')]"));

}

}

10)Drag-

package sele2;

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.chrome.ChromeDriver;

import org.openqa.selenium.interactions.Actions;

import org.testng.annotations.Test;

public class Drag {

WebDriver driver;

@Test

public void DragnDrop()

{

System.setProperty("webdriver.chrome.driver", "C:\\Users\\Rijwana\\Desktop\\rijwana\\chromedriver\_win32\\chromedriver.exe");

driver= new ChromeDriver();

driver.get("file:///C:/Users/Rijwana/Desktop/drop.html");

driver.switch\_to.frame(0);

/\* WebElement center=driver.findElement(By.)

WebElement draggableiem=driver.findElement(By.id("dragable"));

WebElement droppableiem=driver.findElement(By.id("droppable"));\*/

s=driver.find\_element\_by\_id("draggable");

d=driver.find\_element\_by\_id("droppable");

a = ActionChains(driver);

a.drag\_and\_drop(s,d).perform();

/\*Using Action class for drag and drop.

Actions act=new Actions(driver);

Dragged and dropped.

act.dragAndDrop(draggableiem, droppableiem).build().perform();\*/

}

}

11)DropDown-

package sele2;

import java.util.List;

import org.openqa.selenium.By;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.chrome.ChromeDriver;

import org.openqa.selenium.support.ui.Select;

public class Dropdown {

public static void main(String[] args) throws InterruptedException {

System.setProperty("webdriver.chrome.driver", "C:\\Users\\Rijwana\\Desktop\\rijwana\\chromedriver\_win32\\chromedriver.exe");

WebDriver driver=new ChromeDriver();

driver.manage().window().maximize();

driver.get("https://www.facebook.com/campaign/landing.php?campaign\_id=14884913640&extra\_1=s%7Cc%7C589460569891%7Cb%7Cfacebook%20signin%7C&placement=&creative=589460569891&keyword=facebook%20signin&partner\_id=googlesem&extra\_2=campaignid%3D14884913640%26adgroupid%3D128696221832%26matchtype%3Db%26network%3Dg%26source%3Dnotmobile%26search\_or\_content%3Ds%26device%3Dc%26devicemodel%3D%26adposition%3D%26target%3D%26targetid%3Dkwd-3821998899%26loc\_physical\_ms%3D1007788%26loc\_interest\_ms%3D%26feeditemid%3D%26param1%3D%26param2%3D&gclid=Cj0KCQiA14WdBhD8ARIsANao07jD17y19QzbqaHAb35GzlujVAvkRSDmUXCH5DVFYgoGvL1wqDKV2JEaAlBTEALw\_wcB");

Select s1=new Select(driver.findElement(By.xpath("//\*[@id=\"day\"]")));

s1.selectByIndex(27);

Select s2=new Select(driver.findElement(By.xpath("//\*[@id=\"month\"]")));

s2.selectByVisibleText("Oct");

Select s3=new Select(driver.findElement(By.xpath("//\*[@id=\"year\"]")));

s3.selectByValue("1997");

List<WebElement> ls1=s1.getOptions();

System.out.println("days here");

for(WebElement w1:ls1)

System.out.println(w1.getText());

List<WebElement> ls2=s2.getOptions();

System.out.println("Months here");

for(WebElement w2:ls2)

System.out.println(w2.getText());

List<WebElement> ls3=s3.getOptions();

System.out.println("year here ");

for(WebElement w3:ls3)

System.out.println(w3.getText());

}}

12)Edubridge-

package sele2;

import org.openqa.selenium.By;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.chrome.ChromeDriver;

public class EduXpath {

public static void main(String[] args) throws InterruptedException {

System.setProperty("webdriver.chrome.driver", "C:\\Users\\Rijwana\\Desktop\\rijwana\\chromedriver\_win32\\chromedriver.exe");

WebDriver driver=new ChromeDriver();

driver.manage().window().maximize();

driver.get("https://www.edubridgeindia.com/");

driver.findElement(By.xpath("//\*[@id=\"login\_mobile\"]")).sendKeys("Mobile");

driver.quit();

}

}

13)Edubridge-

package sele2;

import org.openqa.selenium.By;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.chrome.ChromeDriver;

public class EduXpath {

public static void main(String[] args) throws InterruptedException {

System.setProperty("webdriver.chrome.driver", "C:\\Users\\Rijwana\\Desktop\\rijwana\\chromedriver\_win32\\chromedriver.exe");

WebDriver driver=new ChromeDriver();

driver.manage().window().maximize();

driver.get("https://www.edubridgeindia.com/");

driver.findElement(By.xpath("//\*[@id=\"login\_mobile\"]")).sendKeys("Mobile");

driver.quit();

}

}

14)Testing Annotion-

package sele2;

import org.testng.annotations.Test;

import org.testng.annotations.Parameters;

public class SumExample

{

@Test

@Parameters({"a","b"})

public void add(int c, int d)

{

int sum=c+d;

System.out.println("Sum of two numbers : "+sum);

}

}

15)Switch Command-

package sele2;

import org.openqa.selenium.By;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.chrome.ChromeDriver;

public class SwitchComnads {

public static void main(String[] args) throws InterruptedException {

System.setProperty("webdriver.chrome.driver", "C:\\Users\\Rijwana\\Desktop\\rijwana\\chromedriver\_win32\\chromedriver.exe");

WebDriver driver=new ChromeDriver();

driver.get("https://opensource-demo.orangehrmlive.com/");

driver.findElement(By.xpath("//img[@alt='OrangeHRM on twitter']")).click();

driver.findElement(By.xpath("//img[@alt='LinkedIn OrangeHRM group']")).click();

driver.findElement(By.xpath("//img[@alt='OrangeHRM on Facebook']")).click();

driver.findElement(By.xpath("//img[@alt='OrangeHRM on Youtube']")).click();

}

}

16)WaitExample-

package sele2;

import java.util.concurrent.TimeUnit;

import org.openqa.selenium.By;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.chrome.ChromeDriver;

public class Waitexample{

public static void main(String[] args) throws InterruptedException {

System.setProperty("webdriver.chrome.driver", "C:\\Users\\Rijwana\\Desktop\\rijwana\\chromedriver\_win32\\chromedriver.exe");

WebDriver driver=new ChromeDriver();

//driver.manage().timeouts().implicitlyWait(30, TimeUnit.SECONDS);

//driver.manage().timeouts().pageLoadTimeout(80,TimeUnit.SECONDS);

driver.get("https://www.booking.com/index.html?aid=309654;label=booking-be-en-ausnz-3e64Q4z6KJ53OMP\_m1FfJQS460970383161:pl:ta:p1:p2:ac:ap:neg:fi:tikwd-5337092164:lp1007788:li:dec:dm:ppccp=UmFuZG9tSVYkc2RlIyh9YcsZ-Id2vkzIfTmYhvC5HOg;ws=&gclid=Cj0KCQiA-oqdBhDfARIsAO0TrGE-C8efoEAgJsP0nzvc-EEl8X\_scGVsQE5g9-W8FFc0W41uz2BDDhIaAjOAEALw\_wcB");

driver.navigate().to("https://www.amazon.in/?tag=admpdesktopin-21&ref=pd\_sl\_4d913dc7d9f402deb8a704f468b5b891ed3c168fea51fb13365eacc7&mfadid=adm");

}

}

17)waitExample2-

package sele2;

import java.util.Iterator;

import java.util.Set;

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.chrome.ChromeDriver;

public class windowExample2{

public static void main(String[] args) throws InterruptedException {

System.setProperty("webdriver.chrome.driver", "C:\\\\Users\\\\Rijwana\\\\Desktop\\\\rijwana\\\\chromedriver\_win32\\\\chromedriver.exe");

//Instantiate a ChromeDriver class.

WebDriver driver = new ChromeDriver();

// Maximize the browser

driver.manage().window().maximize();

driver.get("https://www.amazon.in/");

driver.findElement(By.id("twotabsearchtextbox")).sendKeys("Dove shampoo");

//driver.findElement(By.id("twotabsearchtextbox")).sendKeys("dove");

//driver.findElement(By.linkText("Electronics")).click();

//Thread.sleep(1000);

//driver.findElement(By.linkText("Today's Deals")).click();

String mainWindowHandle = driver.getWindowHandle();

Set<String> allWindowHandles = driver.getWindowHandles();

Iterator<String> iterator = allWindowHandles.iterator();

// Here we will check if child window has other child windows and will fetch the heading of the child window

while (iterator.hasNext()) {

String ChildWindow = iterator.next();

if (!mainWindowHandle.equalsIgnoreCase(ChildWindow)) {

driver.switchTo().window(ChildWindow);

WebElement text1 = driver.findElement(By.className("nav-a"));

System.out.println("Heading of child window is " + text1.getText());

driver.quit();

}

}

}

}

18)window-

package sele2;

import java.util.Iterator;

import java.util.Set;

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.chrome.ChromeDriver;

public class Window {

public static void main(String[] args) throws InterruptedException {

System.setProperty("webdriver.chrome.driver", "C:\\\\Users\\\\Rijwana\\\\Desktop\\\\rijwana\\\\chromedriver\_win32\\\\chromedriver.exe");

// Instantiate a ChromeDriver class.

WebDriver driver = new ChromeDriver();

// Maximize the browser

driver.manage().window().maximize();

driver.get("https://www.amazon.in/");

driver.findElement(By.linkText("Electronics")).click();

//Thread.sleep(1000);

//driver.findElement(By.linkText("Today's Deals")).click();

String mainWindowHandle = driver.getWindowHandle();

Set<String> allWindowHandles = driver.getWindowHandles();

Iterator<String> iterator = allWindowHandles.iterator();

// Here we will check if child window has other child windows and will fetch the heading of the child window

while (iterator.hasNext()) {

String ChildWindow = iterator.next();

if (!mainWindowHandle.equalsIgnoreCase(ChildWindow)) {

driver.switchTo().window(ChildWindow);

WebElement text1 = driver.findElement(By.className("nav-a"));

System.out.println("Heading of child window is " + text1.getText());

driver.quit();

}

}

}

}

19)Browsstack login –

**package** sele2;

**import** org.openqa.selenium.By;

**import** org.openqa.selenium.WebDriver;

**import** org.openqa.selenium.WebElement;

**import** org.openqa.selenium.chrome.ChromeDriver;

**import** org.testng.Assert;

**import** org.testng.annotations.Test;

**public** **class** abc {

@Test

**public** **void** login() {

System.*setProperty*("webdriver.chrome.driver", "C:\\Users\\Rijwana\\Desktop\\rijwana\\chromedriver\_win32\\chromedriver.exe");

WebDriver driver=**new** ChromeDriver();

driver.manage().window().maximize();

driver.get("https://www.browserstack.com/users/sign\_in");

driver.findElement(By.*id*("user\_email\_login")).sendKeys("shaikhadam177@gmail.com");

driver.findElement(By.*id*("user\_password")).sendKeys("Sspm123\*\*\*");

driver.findElement(By.*xpath*("//\*[@value=\"Sign me in\"]")).click();

WebElement username=driver.findElement(By.*id*("user\_email\_Login"));

WebElement password=driver.findElement(By.*id*("user\_password"));

WebElement login=driver.findElement(By.*name*("commit"));

username.sendKeys("abc@gmail.com");

password.sendKeys("your\_password");

login.click();

String actualUrl="https://live.browserstack.com/dashboard";

String expectedUrl= driver.getCurrentUrl();

Assert.*assertEquals*(expectedUrl,actualUrl);

}

}

20)EDUBRIDGE-

package rijwana3;

import org.openqa.selenium.By;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.chrome.ChromeDriver;

public class edu{

public static void main(String[] args) throws InterruptedException {

System.setProperty("webdriver.chrome.driver", "C:\\Users\\Rijwana\\Desktop\\rijwana\\chromedriver\_win32\\chromedriver.exe");

WebDriver driver=new ChromeDriver();

driver.manage().window().maximize();

driver.get("https://www.edubridgeindia.com/");

driver.findElement(By.partialLinkText("In")).click();

driver.findElement(By.name("mobile")).sendKeys("9834377002");

driver.findElement(By.id("login\_password")).sendKeys("Sspm111\*\*\*");

driver.findElement(By.id("btnLoginSubmit")).click();

// driver.findElement(By.className("zmycalendar cursor")).click();

//driver.findElement(By.xpath("//\*[@id=\"zmycalendar\"]")).click();

Thread.sleep(2000);

//driver.quit();

}

}

21)IFrame-

package rijwana3;

import java.util.List;

import org.openqa.selenium.By;

import org.openqa.selenium.Dimension;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.chrome.ChromeDriver;

public class Iframe {

public static void main(String[] args) throws InterruptedException {

System.setProperty("webdriver.chrome.driver", "C:\\\\Users\\\\Rijwana\\\\Desktop\\\\rijwana\\\\chromedriver\_win32\\\\chromedriver.exe");

// Instantiate a ChromeDriver class.

WebDriver driver = new ChromeDriver();

// Maximize the browser

driver.manage().window().maximize();

driver.get("https://demoqa.com/frames");

int size=driver.findElements(By.tagName("iframe")).size();

//Thread.sleep(1000);

System.out.println(size);

//By Using Id or Name

//Syntax driver.switchTo().frame("FrameId");

driver.switchTo().frame("frame1");

String a=driver.findElement(By.xpath("//\*[@id=\"sampleHeading\"]")).getText();

//String a=driver.findElement(By.xpath("//h1")).getText();

driver.quit();

System.out.println(a);

driver.quit();

}

}

22)IFrameID-

package rijwana3;

import java.util.List;

import org.openqa.selenium.By;

import org.openqa.selenium.Dimension;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.chrome.ChromeDriver;

public class iframeID {

public static void main(String[] args) throws InterruptedException {

System.setProperty("webdriver.chrome.driver", "C:\\\\Users\\\\Rijwana\\\\Desktop\\\\rijwana\\\\chromedriver\_win32\\\\chromedriver.exe");

// Instantiate a ChromeDriver class.

WebDriver driver = new ChromeDriver();

// Maximize the browser

driver.manage().window().maximize();

driver.get("https://demoqa.com/frames");

int size=driver.findElements(By.tagName("iframe")).size();

//Thread.sleep(1000);

System.out.println(size);

//By Using Id or Name

//Syntax driver.switchTo().frame("FrameId");

driver.switchTo().frame("frame1");

//String a=driver.findElement(By.xpath("//\*[@id=\"sampleHeading\"]")).getText();

String a=driver.findElement(By.xpath("//h1")).getText();

System.out.println(a);

driver.quit();

}

}

24)IFrameIndex-

package rijwana3;

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.chrome.ChromeDriver;

public class IFrameIndexExample {

public static void main(String[] args) {

System.setProperty("webdriver.chrome.driver", "C:\\\\Users\\\\Rijwana\\\\Desktop\\\\rijwana\\\\chromedriver\_win32\\\\chromedriver.exe");

// Instantiate a ChromeDriver class.

WebDriver driver = new ChromeDriver();

// Maximize the browser

driver.manage().window().maximize();

driver.get("https://demoqa.com/frames");

int size=driver.findElements(By.tagName("iframe")).size();

//Thread.sleep(1000);

System.out.println(size);

//By Using Index

//Syntax::driver.switchTo().frame(Index Of Frame);

driver.switchTo().frame(2);

String a=driver.findElement(By.xpath("//h1")).getText();

System.out.println(a);

driver.quit();

}

}

25)IFrameWebElemnt-

package rijwana3;

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.chrome.ChromeDriver;

public class IFrameWebElementExample {

public static void main(String[] args) {

System.setProperty("webdriver.chrome.driver", "C:\\\\Users\\\\Rijwana\\\\Desktop\\\\rijwana\\\\chromedriver\_win32\\\\chromedriver.exe");

// Instantiate a ChromeDriver class.

WebDriver driver = new ChromeDriver();

// Maximize the browser

driver.manage().window().maximize();

driver.get("https://demoqa.com/frames");

int size=driver.findElements(By.tagName("iframe")).size();

//Thread.sleep(1000);

System.out.println(size);

/\*By using WebElement

Syntax:: WebElement variable=driver.findelement.(By.locator(" "));

driver.switchTo().frame(WebElement);\*/

WebElement web=driver.findElement(By.id("frame1"));

driver.switchTo().frame(web);

String a=driver.findElement(By.xpath("//h1")).getText();

System.out.println(a);

driver.quit();

}

}

26)Google-

**package rijwana2;**

**import org.openqa.selenium.By;**

**import org.openqa.selenium.WebDriver;**

**import org.openqa.selenium.chrome.ChromeDriver;**

**public class Ggle {**

**public static void main(String[] args) throws InterruptedException {**

**System.setProperty("webdriver.chrome.driver", "C:\\Users\\Rijwana\\Desktop\\rijwana\\chromedriver\_win32\\chromedriver.exe");**

**WebDriver driver=new ChromeDriver();**

**driver.get("https://www.facebook.com/");**

**driver.manage().window().maximize();**

**driver.get("https://www.amazon.in/");**

**driver.findElement(By.id("twotabsearchtextbox")).sendKeys("Dell laptop");**

**driver.findElement(By.id("nav-search-submit-button")).click();**

**driver.findElement(By.linkText("Samsung")).click();**

**driver.navigate().to("https://www.facebook.com/");**

**}**

**}**

**27)Facebook(ALL pgm in one)-**

**package rijwana2;**

**import org.openqa.selenium.By;**

**import org.openqa.selenium.WebElement;**

**import org.openqa.selenium.WebDriver;**

**import org.openqa.selenium.chrome.ChromeDriver;**

**public class facebook2 {**

**public static void main(String[] args) throws InterruptedException {**

**System.setProperty("webdriver.chrome.driver", "C:\\Users\\Rijwana\\Desktop\\rijwana\\chromedriver\_win32\\chromedriver.exe");**

**WebDriver driver=new ChromeDriver();**

**driver.get("https://www.amazon.in/");**

**driver.manage().window().maximize();**

**driver.findElement(By.id("twotabsearchtextbox")).sendKeys("Dell laptop");**

**driver.navigate().to("https://www.edubridgeindia.com/");**

**driver.navigate().back();**

**/\* driver.get("https://www.instagram.com/");**

**Thread.sleep(2000);**

**WebElement userNameTxt=driver.findElement(By.className("\_aa48"));**

**userNameTxt.sendKeys("rijwanas28");**

**driver.findElement(By.name("password")).sendKeys("Sspm017\*\*\*");**

**driver.findElement(By.xpath("//\*[@type=\"submit\"]")).click();**

**driver.findElement(By.cssSelector("label[for='\_ab8w \_ab94 \_ab99 \_ab9f \_ab9m \_ab9p \_abcm']")).click();**

**driver.findElement(By.linkText("Log in")).click();\*/**

**driver.findElement(By.linkText("Team"));**

**driver.findElement(By.id("SubmitButton"));**

**driver.findElement(By.linkText("MI")).click();**

**driver.getTitle();**

**WebElement element = driver.findElement(By.id("SubmitButton"));**

**String attValue = element.getAttribute("id"); //This will return "SubmitButton"**

**WebElement loginLink = driver.findElement(By.linkText("Login"));**

**String tit1=driver.getTitle();**

**System.out.println("the amazon page is:"+tit1);**

**String url2=driver.getCurrentUrl();**

**System.out.println("this page as url:"+url2);**

**driver.findElement(By.id("twotabserachtextbox")).clear();**

**driver.manage().window().maximize();**

**driver.findElement(By.id("twotabsearchtextbox")).sendKeys("handbag");**

**driver.findElement(By.className("nav-input nav-progressive-attribute"));**

**driver.getTitle();**

**if(url2.equals("https://www.amazon.in/"))**

**{**

**System.out.println("utl is same test case passed");**

**}**

**else**

**{**

**System.out.println("utl is same test case failed");**

**}**

**String pageSource = driver.getPageSource();**

**System.out.println(pageSource);**

**driver.findElement(By.id("twotabserachtextbox")).clear();**

**driver.manage().window().maximize();**

**driver.findElement(By.id("twotabsearchtextbox")).sendKeys("handbag");**

**driver.findElement(By.className("nav-input nav-progressive-attribute"));**

**driver.getTitle();**

**driver.findElement(By.id("nav-search-submit-button")).click();**

**driver.findElement(By.linkText("Samsung")).click();**

**driver.getTitle();**

**String title1=driver.getTitle();**

**driver.quit();**

**}**

**}**

**PROGRAM ON CUCUMBER-**

**Feature file:-**

Feature: Instagram Account

Scenario: Check Instagram Account signin

Given I have given instagram website

When I enter valid username "rijwans28"

And I enter valid password "Sspm2810\*\*\*"

Then Instagram Account SignIn succefully

**1)stepdefination-**

**package com.StepDefinition;**

**import org.openqa.selenium.By;**

**import org.openqa.selenium.WebDriver;**

**import org.openqa.selenium.chrome.ChromeDriver;**

**import io.cucumber.java.en.Given;**

**import io.cucumber.java.en.Then;**

**import io.cucumber.java.en.When;**

**public class Stepdefintion {**

**WebDriver driver= new ChromeDriver();**

**@Given("I have given instagram website")**

**public void i\_have\_given\_instagram\_website() {**

**driver.get("https://www.instagram.com/");**

**}**

**@When("I enter valid username {string}")**

**public void i\_enter\_valid\_username(String username) {**

**driver.findElement(By.name("username")).sendKeys("rijwanas28");**

**}**

**@When("I enter valid password {string}")**

**public void i\_enter\_valid\_password(String password) {**

**driver.findElement(By.name("password")).sendKeys("Sspm2810\*\*\*");**

**driver.findElement(By.xpath("/html/body/div[2]/div/div/div/div[1]/div/div/div/div[1]/section/main/article/div[2]/div[1]/div[2]/form/div/div[3]/button/div")).click();;**

**}**

**@Then("Instagram Account SignIn succefully")**

**public void instagram\_Account\_SignIn\_succefully() {**

**System.out.println("Instagram Account SignIn Succefully");**

**}**

**}**

**2)test Runner-**

**package com.TestRunner;**

**import org.junit.runner.RunWith;**

**import io.cucumber.junit.CucumberOptions;**

**import io.cucumber.junit.Cucumber;**

**import io.cucumber.\*;**

**@RunWith(Cucumber.class)**

**@CucumberOptions(features="src/test/resources",glue={"com.StepDefinition"})**

**public class TestRun {**

**}**