**Module 7 – Selenium Webdriver**

**Q.1** W.A.J.Script for Locating links by linkText() and partialLinkText()

Ans. Linktext()

package basic;

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

public class Q1 {

public static void main(String[] args) {

String url = "https://www.techbeamers.com/websites-to-practice-selenium-webdriver-online/#5httpautomationpracticecomindexphp";

WebDriver driver = new DriverConnection().getDriver(url);

WebElement selenium\_tutorial = driver.findElement(By.*linkText*("Selenium Tutorial"));

selenium\_tutorial.click();

}

}

🡪 Partiallinktext()

public class Q1 {

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

String url = "https://www.facebook.com/";

WebDriver driver = new DriverConnection().getDriver(url);

List<WebElement> list = driver.findElements(By.*partialLinkText*("Privacy"));

System.***out***.println(list.size());

for(WebElement element: list) {

System.***out***.println(element.getText());

}

list.get(1).click();

Thread.*sleep*(3000);

driver.navigate().back();

}

}

Q.2 W.A.J.Script for Selecting multiple items in a drop dropdown.

Ans.

package basic;

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

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

public class Q2 {

public static void main(String[] args) {

String url = "https://testpages.eviltester.com/styled/basic-html-form-test.html";

WebDriver driver = new DriverConnection().getDriver(url);

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

Select Fromdropdown = new Select(dropdown);

Fromdropdown.selectByValue("dd5");

}

}

Q.3 W.A.J. script to use different methods to manage the windows-alerts and pop ups

Ans.

package basic;

import org.openqa.selenium.Alert;

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

public class Q3 {

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

String url = "https://testpages.eviltester.com/styled/alerts/alert-test.html";

WebDriver driver = new DriverConnection().getDriver(url);

//First Alert

// WebElement AlertButton = driver.findElement(By.id("alertexamples"));

// AlertButton.click();

// Alert a1 = driver.switchTo().alert();

// Thread.sleep(2000);

// a1.accept();

//Second alert

// WebElement button2 = driver.findElement(By.id("confirmexample"));

// button2.click();

// Alert a2 = driver.switchTo().alert();

// Thread.sleep(2000);

// a2.dismiss();

//Third alert

WebElement button3 = driver.findElement(By.*id*("promptexample"));

button3.click();

Alert a3 = driver.switchTo().alert();

Thread.*sleep*(2000);

a3.sendKeys("Hello This is Pragnesh Sharma");

a3.accept();

}

}

Q.4 W.A.J.script to register your self in Gmail.

Ans.

package basic;

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

public class Q4 {

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

String url = "https://accounts.google.com/v3/signin/identifier?continue=https%3A%2F%2Fmail.google.com%2Fmail%2Fu%2F0%2F&emr=1&followup=https%3A%2F%2Fmail.google.com%2Fmail%2Fu%2F0%2F&ifkv=AYZoVheFiSydwY9I6-ifXcgoWQ-e\_ADUMb9HypvfSNuvYsNCy160kob4m6bVVRYZmGZ\_suAfZ\_Ch&osid=1&passive=1209600&service=mail&flowName=GlifWebSignIn&flowEntry=ServiceLogin&dsh=S1879137352%3A1694426469145714&theme=glif";

WebDriver driver = new DriverConnection().getDriver(url);

WebElement email = driver.findElement(By.id("identifierId"));

email.sendKeys("selenium123@gmail.com");

Thread.sleep(2000);

WebElement next = driver.findElement(By.xpath("//\*[@id=\"identifierNext\"]/div/button"));

next.click();

Thread.sleep(4000);

WebElement pass = driver.findElement(By.xpath("//\*[@id=\"password\"]/div[1]/div/div[1]/input"));

pass.sendKeys("12345667");

Thread.sleep(2000);

WebElement next2 = driver.findElement(By.xpath("//\*[@id=\"passwordNext\"]/div/button"));

next2.click();

}

}

Q.5 W.A.J. Script To perform the radio button to select one by one in loop <http://demo.guru99.com/test/radio.html>

Ans.

package basic;

import java.util.List;

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

public class Q5 {

public static void main(String[] args) {

String url = "https://demo.guru99.com/test/radio.html";

WebDriver driver = new DriverConnection().getDriver(url);

WebElement radioButton = driver.findElement(By.*id*("vfb-7-1"));

radioButton.click();

WebElement radioButton2 = driver.findElement(By.*id*("vfb-7-2"));

radioButton2.click();

WebElement radioButton3 = driver.findElement(By.*id*("vfb-7-3"));

radioButton3.click();

}

}

Q.6 W.A.J. script To write the script for image of logo facebook using xpath.

Ans.

package basic;

import org.openqa.selenium.Alert;

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.chrome.ChromeOptions;

import org.openqa.selenium.interactions.Actions;

public class q6 {

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

String url = "https://www.facebook.com/";

WebDriver driver = new DriverConnection().getDriver(url);

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

email.sendKeys("8155887857");

WebElement password = driver.findElement(By.*name*("pass"));

password.sendKeys("1234567");

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

Login.click();

WebElement fblogo = driver.findElement(By.*xpath*("//\*[@id=\"mount\_0\_0\_SF\"]/div/div[1]/div/div[2]/div[1]/a"));

fblogo.clear();

}

}

Q.7 W.A.J.Script To write a script for drop down. http://demo.guru99.com/test/newtours/register.php

Ans.

package basic;

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

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

public class Q7 {

public static void main(String[] args) {

String url = "https://demo.guru99.com/test/newtours/register.php";

WebDriver driver = new DriverConnection().getDriver(url);

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

Select countries = new Select(country);

countries.selectByVisibleText("INDIA");

}

}

Q.8 W.A.J.Script To use Mouse and Keyboard event using Action class

1.Mouse Hover Event

Ans.

package basic;

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.interactions.Actions;

public class Q8 {

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

String url = "https://www.flipkart.com/";

WebDriver driver = new DriverConnection().getDriver(url);

Thread.*sleep*(3000);

WebElement login = driver.findElement(By.*xpath*("/html/body/div[2]/div/div/button"));

login.click();

WebElement grocery = driver.findElement(By.*linkText*("Grocery"));

WebElement mobile = driver.findElement(By.*linkText*("Mobiles"));

WebElement fashion = driver.findElement(By.*linkText*("Fashion"));

WebElement elect = driver.findElement(By.*linkText*("Electronics"));

WebElement HF = driver.findElement(By.*linkText*("Home & Furniture"));

WebElement aplliance = driver.findElement(By.*linkText*("Appliances"));

Actions action = new Actions(driver);

action.moveToElement(grocery).build().perform();

action.moveToElement(mobile).build().perform();

action.moveToElement(fashion).build().perform();

action.moveToElement(elect).build().perform();

action.moveToElement(HF).build().perform();

action.moveToElement(aplliance).build().perform();

Thread.*sleep*(3000);

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

Thread.*sleep*(2000);

driver.close();

}

}

2. Keyboard event

Ans.

package basic;

import org.openqa.selenium.By;

import org.openqa.selenium.JavascriptExecutor;

import org.openqa.selenium.Keys;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.interactions.Actions;

public class Q8 {

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

String url = "https://demoqa.com/automation-practice-form";

WebDriver driver = new DriverConnection().getDriver(url);

JavascriptExecutor js = (JavascriptExecutor)driver;

js.executeScript("window.scrollBy(0,50)");

WebElement sub = driver.findElement(By.*id*("subjectsContainer"));

Actions action = new Actions(driver);

action.click(sub).sendKeys("m").pause(3).sendKeys(*Keys*.***ENTER***).build().perform();

}

}

Q.9 W.A.J. Script How to handled Alert in selenium [http://demo.guru99.com/test/delete\_customer.php](http://demo.guru99.com/test/delete_customer.php%20)

ans.

package basic;

import org.openqa.selenium.Alert;

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

public class Q9 {

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

String url = "https://demo.guru99.com/test/delete\_customer.php";

WebDriver driver = new DriverConnection().getDriver(url);

WebElement custID = driver.findElement(By.*name*("cusid"));

custID.sendKeys("123");

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

submit.click();

Thread.*sleep*(2000);

Alert a1 = driver.switchTo().alert();

a1.accept();

Thread.*sleep*(2000);

Alert a2 = driver.switchTo().alert();

a2.accept();

driver.close();

}

}

Q.10 W.A.J. Script To find the total hyperlink from this web page <http://demo.guru99.com/test/web-table-element.php>

Ans.

package basic;

import java.util.List;

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

public class Q10 {

public static void main(String[] args) {

String url = "https://demo.guru99.com/test/web-table-element.php";

WebDriver driver = new DriverConnection().getDriver(url);

List<WebElement> list = driver.findElements(By.*tagName*("a"));

System.***out***.println(list.size());

for(WebElement element: list) {

System.***out***.println(element.getText());

}

}

}

Q.11 W.a. junit program to perform test with webdriver to login process of facebook

Ans.

Q.12 W.a. junit program to check gmail login using with @before,@after,@Test

Ans.