**Program to Upload Files and Handle Various Web Elements.**

**Source Codes**

1.AutoIt and SciTE for RedBus.

package seleniumscripts;

import java.io.IOException;

import org.openqa.selenium.By;

import org.openqa.selenium.JavascriptExecutor;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.chrome.ChromeDriver;

public class RedBus {

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

WebDriver driver = new ChromeDriver();

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

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

Thread.sleep(5000);

driver.findElement(By.xpath("//input[@placeholder='Ex: Paris']")).sendKeys("Bellary");

Thread.sleep(5000);

driver.findElement(By.xpath("//input[@placeholder='Ex: London Airport']")).sendKeys("Banglore, Karnataka, India");

Thread.sleep(5000);

JavascriptExecutor js = ((JavascriptExecutor) driver);

js.executeScript("document.getElementById('onward\_cal').value='11/12/2024'");

//driver.findElement(By.xpath("//div[@class='search-lbl']")).click();

driver.navigate().to("https://www.remove.bg/");

driver.findElement(By.xpath("\"//div[@class='mx-auto w-full px-8 max-w-5xl relative']/descendant::button[1]\"")).click();

Runtime.getRuntime().exec(new String[] {"C:\\Users\\farha\\OneDrive\\Desktop\\AutoIT\_Demo\\scriptupload.exe"});

//driver.close();

}

}

2.AutoIt Script

ControlFocus("Open","","Edit1")

ControlSetText("Open","","Edit1","C:\Users\farha\OneDrive\Desktop\AutoIT\_Demo\sampleImage.png")

ControlClick("Open","","Button1")

3.Selenium With JDBC

package seleniumscripts;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.ResultSet;

import java.sql.SQLException;

import java.sql.Statement;

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.chrome.ChromeDriver;

public class SeleniumWithJDBC {

private WebDriver driver;

public void setup() {

// Create a new instance of the ChromeDriver

driver = new ChromeDriver();

}

public void testVerifyDB() throws ClassNotFoundException, SQLException {

// Step 1: Load the MySQL JDBC driver class

Class.forName("com.mysql.cj.jdbc.Driver");

// Step 2: Create the connection object

Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/shop", "root", "Handbook7\*");

// Step 3: Create the statement object

Statement stmt = con.createStatement();

// Step 4: Execute the SQL query

ResultSet rs = stmt.executeQuery("SELECT \* FROM Products");

// Step 5: Iterate through the result set and perform web testing

while (rs.next()) {

int productId = rs.getInt("product\_id");

String productName = rs.getString("product\_name");

String productPrice = rs.getString("product\_price");

// Perform web testing using Selenium

driver.get("https://www.seleniumhq.org");

WebElement searchInput = driver.findElement(By.id("q"));

searchInput.sendKeys(productName);

searchInput.submit();

// Print the database record and web page title

System.out.println("Product ID: " + productId);

System.out.println("Product Name: " + productName);

System.out.println("Product Price: " + productPrice);

System.out.println("Web Page Title: " + driver.getTitle());

System.out.println("--------------------------------------------");

}

// Step 6: Close the resources

rs.close();

stmt.close();

con.close();

}

public void teardown() {

// Close the browser

driver.quit();

}

}

4.ScreenShort Using Selenium

package seleniumscripts;

import java.io.File;

import java.io.IOException;

import org.apache.commons.io.FileUtils;

import org.openqa.selenium.By;

import org.openqa.selenium.JavascriptExecutor;

import org.openqa.selenium.OutputType;

import org.openqa.selenium.TakesScreenshot;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.chrome.ChromeDriver;

public class ScreenShot1 {

public static void drawborder(WebElement element, WebDriver driver) {

JavascriptExecutor js = ((JavascriptExecutor) driver);

// arguments[0].style.border='3px solid red'

js.executeScript("arguments[0].style.border='3px solid yellow'", element);

}

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

WebDriver driver = new ChromeDriver();

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

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

//// span[contains(text(),'Accept cookies')]

WebElement e1 = driver.findElement(By.xpath("//span[contains(text(),'Accept cookies')]"));

drawborder(e1, driver);

File srcFile = ((TakesScreenshot) driver).getScreenshotAs(OutputType.FILE);

File destFile = new File("./Screenshot\_javascript/Acceptcookies.png");

FileUtils.copyFile(srcFile, destFile);

driver.close();

}

}