***SOURCE CODE:***

***1. MAKE MY TRIP***

package makemytrip;

import java.io.IOException;

import java.time.Duration;

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.support.ui.ExpectedConditions;

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

import io.netty.handler.timeout.TimeoutException;

public class Makemytrip\_WebElements {

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

WebDriver driver = new ChromeDriver();

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

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

// Driver waiting to close pop up

WebDriverWait wait = new WebDriverWait(driver, Duration.*ofSeconds*(10));

// Frame selected

wait.until(ExpectedConditions

.*frameToBeAvailableAndSwitchToIt*(By.*cssSelector*("iframe[title^='notification-frame']")));

// Closed pop up

wait.until(ExpectedConditions.*elementToBeClickable*(By.*cssSelector*("i.we\_close"))).click();

System.***out***.println("-------Pop up Closed-------");

// Switched to main frame

driver.switchTo().defaultContent();

System.***out***.println("----Driver on Main Frame---");

Thread.*sleep*(2000);

// Login closed

driver.findElement(By.*xpath*("//span[@class='commonModal\_\_close']")).click();

// Fromlocation keys send

driver.findElement(By.*xpath*("//input[@id='fromCity']")).sendKeys("Delhi");

driver.findElement(By.*xpath*("//input[@id='toCity']")).sendKeys("Mumbai");

System.***out***.println("-------To and from location sent-------");

driver.findElement(By.*xpath*("//li[@id='react-autowhatever-1-section-0-item-0']")).click();

// dateselected

driver.findElement(By.*xpath*("//div[@class='DayPicker-Day DayPicker-Day--selected']")).click();

System.***out***.println("--------Date Selected-------");

Thread.*sleep*(2000);

driver.findElement(By.*xpath*("//a[@class='primaryBtn font24 latoBold widgetSearchBtn ']")).click();

System.***out***.println("---------Search button clicked-----");

// refreshing the page so we have to handle via try and catch block

WebDriverWait wait1 = new WebDriverWait(driver, Duration.*ofSeconds*(20));

try {

wait1.until(ExpectedConditions.*visibilityOfElementLocated*(By.*xpath*("//p[@class='overlayBg']")));

// If the pop-up appears, dismiss it here

driver.findElement(By.*xpath*("//span[@class='bgProperties icon20 overlayCrossIcon']")).click();

System.***out***.println("------Refreshed page pop up handled");

} catch (TimeoutException e) {

// Handle the case where the pop-up does not appear within the wait time

System.***out***.println("Pop-up did not appear within the specified time");

}

System.***out***.println("---------Finished make my trip-------");

driver.quit();

}

}

***2. AUTO-IT***

package selenium;

import java.io.File;

import java.io.IOException;

import java.time.Duration;

import org.apache.commons.io.FileUtils;

import org.openqa.selenium.By;

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 AutoIt {

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

WebDriver driver=new ChromeDriver();

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

driver.manage().timeouts().implicitlyWait(Duration.*ofSeconds*(10));

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

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

File destFile = new File("./Screenshots/AutoIT.png");

FileUtils.*copyFile*(srcFile, destFile);

WebElement e1=driver.findElement(By.*xpath*("//div[@class='mx-auto w-full px-8 max-w-5xl relative']/descendant::button[1]"));

e1.click();

Thread.*sleep*(2000);

System.***out***.println("Uploaded to site");

Runtime.*getRuntime*().exec(new String[] {"C:\\Users\\utkar\\OneDrive\\Desktop\\autoitfolder\\AutoitScript.exe"});

System.***out***.println("Done successfully");

}

}

***3.JDBC SELENIUM***

package jdbcselenium;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.PreparedStatement;

import java.sql.SQLException;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.chrome.ChromeDriver;

public class JDBCSelenium {

public static void main(String[] args) throws ClassNotFoundException, SQLException {

// **TODO** Auto-generated method stub

WebDriver driver = new ChromeDriver();

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

driver.get("https://mail.rediff.com/cgi-bin/login.cgi");

String title = driver.getTitle();

String url = driver.getCurrentUrl();

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

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

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

// Connect the DB

String dburl = "jdbc:mysql://localhost:3306/seleniumtest";

String username = "root";

String password = "root";

Connection con = DriverManager.*getConnection*(dburl, username, password);

System.***out***.println("Succesfully connected");

PreparedStatement ps = con.prepareStatement("insert into webtest values(?,?)"); // execute query

ps.setString(1,title);

ps.setString(2,url);

ps.executeUpdate();

driver.navigate().to("https://github.com/");

title= driver.getTitle();

url = driver.getCurrentUrl();

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

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

ps = con.prepareStatement("insert into webtest values(?,?)"); // execute query

ps.setString(1,title);

ps.setString(2,url);

ps.executeUpdate();

con.close();

}

}