import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.firefox.FirefoxDriver;

import org.openqa.selenium.opera.OperaDriver;

import org.openqa.selenium.safari.SafariDriver;

import org.openqa.selenium.ie.InternetExplorerDriver;

public class InvokeTest{

public static void main(String[] args){

system.setProperty("webdriver.gecko.driver","path/to/grckodriver.exe");

WebDriver firefoxDriver = new FirefoxDriver();

verifyHomePage(firefoxDriver,"https://www.amazon.com);

verifyHomePage(FirefoxDriver,"https://www.facebook.com);

navigateToAnotherPageAndBack(FirefoxDriver,"https://www.google.com");

firefoxDriver.quite();}

private static void verifyHomePage(WebDriver driver, String url, String expectedTitle) {

driver.get(url);

String pageTitle = driver.getTitle();

if(pageTitle.contains(expectedTitle)){

System.out.println("Homepage load successfully "+pageTitle);

}

else{

System.out.println("failed to open"+ expectedTitle + " homepage. Actual title is: " + pageTitle);

}

}

private static void navigateToAnotherPageAndBack(WebDriver driver, String anotherPageUrl) {

driver.get(anotherPageUrl);

try {

Thread.sleep(5000);

} catch (InterruptedException e)

{

e.printStackTrace();

}

driver.navigate().back();

String currentUrl = driver.getCurrentUrl();

if (currentUrl.equals("https://www.amazon.com"))

{

System.out.println("Successfully navigated back to the homepage.");

} else {

System.out.println("Failed to navigate back to the homepage. Current URL is: " + currentUrl);

}

}

2)verify the FaceBook HomePage --

---

import org.open.selenium.chrome.ChromeDriver;

import Io.github.bonigarcia.wdm.WebDriverManager;

public class GetTheCurrentUrl {

public static void main(String[] args) {

try {

WebDriverManager.chromedriver().setup();

ChromeDriver driver =new ChromeDriver();

Thread.sleep(6000);

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

String currentURL = driver.getCurrentUrl();

System.out.println("Current URL -"+currentURL);}

catch (Exception e) {

System.out.println(e.getMessage());

}

}

}

3 Invoke : Opera

import java.io.;

import java.lang.Thread;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.opera.OperaDriver;

public class FacebookLoginPage {

public static void main(String[] args)

{

try {

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

System.setProperty("webdriver.opera.driver");

WebDriver driver = new OperaDriver();

driver.get(baseUrl);

Thread.sleep(2000);

driver.quit();}

catch (Exception e) {

System.out.println(e);

}

}

}

4) Using Navigator commands to move home page to other page and comeback to homepage

import org.openqa.selenium.By;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.chrom.ChromDriver;

import io.github.bonigarcia.wdm.WebDriverManager

public class NavigationCommand {

public static void main(String[]args) {

try {

WebDriverManager.chromedriver().setup

ChromeDriver Driver = new ChromeDriver();

Thread.sleep(3000);

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

Thread.sleep(2000);

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

Thread.sleep(3000);

WebElement ForgotPassword = driver.findElement(By.linkText("Forgotten password?"));

forgotPassword.click();

Thread.sleep(3000);

driver.navigate().back();

Thread.sleep(3000);

driver.navigate().forward();

Thread.sleep(4000);

driver.navigate().refresh();

Thread.sleep(6000);

driver.close();

}

catch(exception e) {

System.out.println(e.getMessage());

}

}

}

Assignment -2(Locators working with Web Elements)

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.chrome.ChromDriver;

public class LocatorsandWebelement{

public static void main(String[] args){

System.setProperty("webdriver.chrome.driver",);

WebDriver driver = new ChromDriver();

driver.get("https://demo.guru99.com/test/radio.html");

WebElement option1 = driver.findElement(By.id("Radio"));

option1.click();

WebElement checkbox2 = driver.findElement(by.id("Checkbox2"));

WebElement checkbox3 = driver.findElement(by.id("checkbox3"));

checkbox2.click();checkbox3.click();

driver.get("https://demo.guru99.com/test/newtours/register.php")

WebElement countryDropdown = driver.findElement(by.name("country"));

select.select = new Select(countryDropdown);

select.selectByVisibleText("KUWAIT");

driver.quit();

}

}