Selenium\_Session5\_Assignment:

Assignment 1

Introduction

This assignment will help you understand the concepts learnt in the session.

Objective

In this challenge, we will automate e-commerce site.

Task

• Please try to configure Chrome Browser and navigate to https://www.jcpenney.com/

• Search for shirts and add the first item in the search list to cart

• Move till checkout and you can stop when it ask for login.

**package** com.ibm.seleniumconcepts;

**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.support.ui.Select;

**import** org.openqa.selenium.Alert;

**public** **class** EcommerceSite {

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

System.*setProperty*("webdriver.chrome.driver", "./Drivers/chromedriver.exe");

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

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

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

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

//To accept pop-up page

WebElement popUpEle= driver.findElement(By.*xpath*("//button[contains(.,'Continue Shopping')]"));

popUpEle.click();

//To search for shirts in search box

Thread.*sleep*(5000);

WebElement searchEle= driver.findElement(By.*xpath*("//\*[@name='searchTerm']"));

searchEle.sendKeys("shirts");

//To search for keyword=shirts

WebElement searchTextEle= driver.findElement(By.*xpath*("//button[@title=('search')]"));

searchTextEle.click();

//To select First shirt from search result

Thread.*sleep*(5000);

WebElement firstShirtToBeClickable = driver.findElement(By.*xpath*("//img[@class='productDisplay\_image--default']"));

firstShirtToBeClickable.click();

//To select Size\Color before adding to Bag

Select oSelect = **new** Select(driver.findElement(By.*id*("SIZE")));

oSelect.selectByVisibleText("small");

WebElement colorToBeClickable = driver.findElement(By.*xpath*("//img[@title='Blackwatch Plaid']"));

colorToBeClickable.click();

//To Select Add To BAG

WebElement addToBagEle = driver.findElement(By.*xpath*("//button[@name=('add to bag')]"));

addToBagEle.click();

//To Check out

WebElement checkOutEle= driver.findElement(By.*id*("btncheckout"));

checkOutEle.click();

}

}

Assignment 2

Introduction

This assignment will help you understand the concepts learnt in the session.

Objective

In this challenge, we will write only xpath

Task

• Please launch https://www.facebook.com/

• Write xpath for FirstName, SurName, Mobile Number, New Password, Sign Up

**package** com.ibm.seleniumconcepts;

**import** java.util.List;

**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;

**public** **class** FacebookLogin {

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

System.*setProperty*("webdriver.chrome.driver", "./Drivers/chromedriver.exe");

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

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

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

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

WebElement firstNameEle= driver.findElement(By.*xpath*("//\*[@name='firstname']"));

firstNameEle.sendKeys("shobha");

WebElement surNameEle= driver.findElement(By.*xpath*("//\*[@name='lastname']"));

surNameEle.sendKeys("bangalore");

WebElement mobileNumberEle= driver.findElement(By.*xpath*("//\*[@name='reg\_email\_\_']"));

mobileNumberEle.sendKeys("9900387464");

WebElement newpasswordEle= driver.findElement(By.*xpath*("//\*[@name='reg\_passwd\_\_']"));

newpasswordEle.sendKeys("Welcome123");

//Not allowing to jump to Signup- Website will ask for Gender selection

WebElement radioButtonFemalEle=driver.findElement(By.*xpath*("//input[@value='1']"));

radioButtonFemalEle.click();

//A pop will shown to select OB is correct or not(manually given as yes

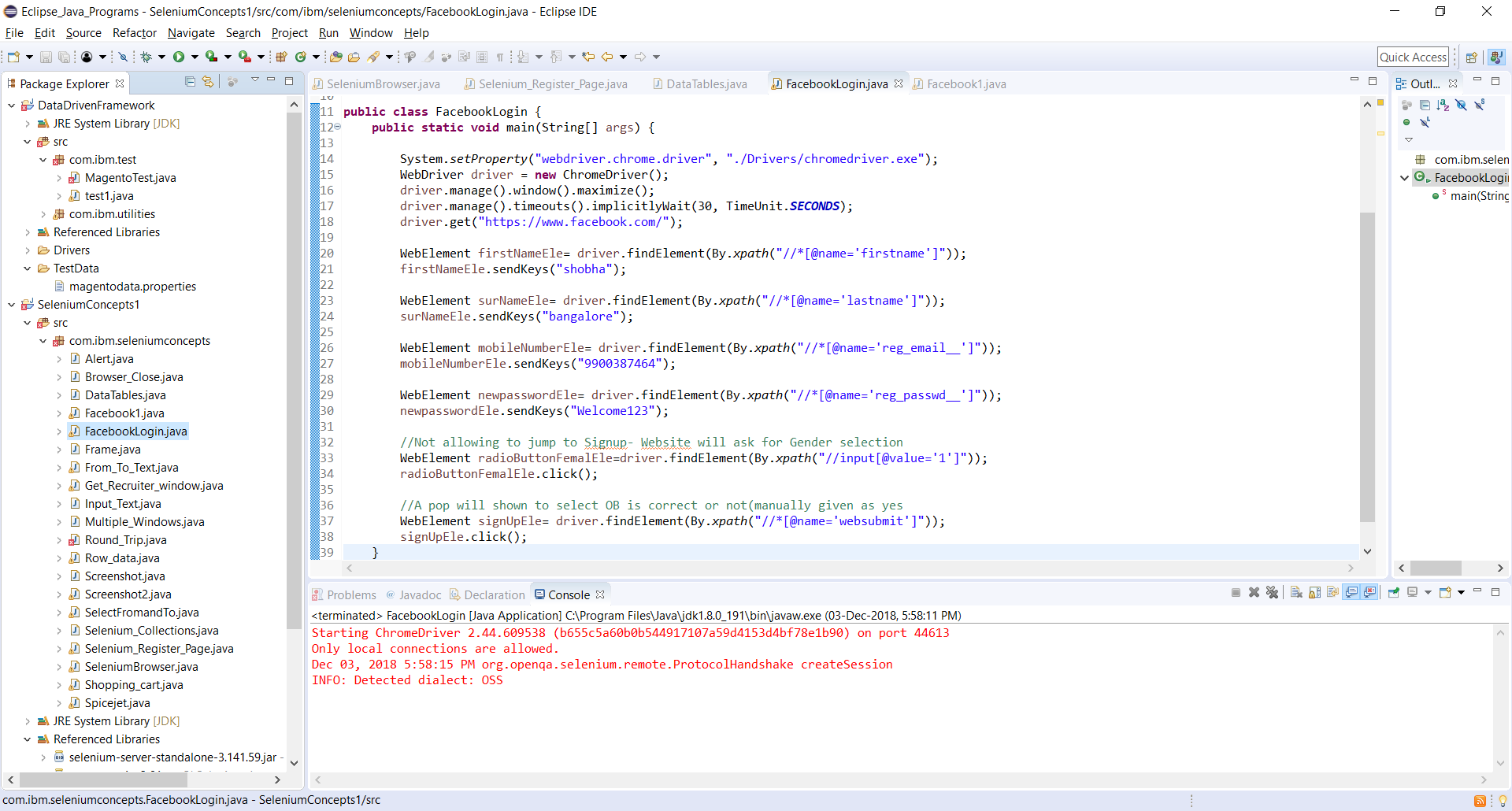
WebElement signUpEle= driver.findElement(By.*xpath*("//\*[@name='websubmit']"));

signUpEle.click();

}

}





Assignment 3

Introduction

This assignment will help you understand the concepts learnt in the session.

Objective

In this challenge, we will write xpath and automate login.

Task

• Please launch https://www.facebook.com/

• Enter Email and Password and click on Login

**package** com.ibm.seleniumconcepts;

**import** java.util.concurrent.TimeUnit;

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

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

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

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

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

**import** org.openqa.selenium.interactions.~~SendKeysAction~~;

**import** org.openqa.selenium.remote.server.handler.SendKeys;

**public** **class** Facebook1 {

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

System.*setProperty*("webdriver.chrome.driver", "./Drivers/chromedriver.exe");

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

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

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

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

WebElement emailEle = driver.findElement(By.*xpath*("//\*[@name='email']"));

emailEle.sendKeys("balaji0017gmail.com");

WebElement passWordEle = driver.findElement(By.*xpath*("//\*[@name='pass']"));

passWordEle.sendKeys("Welcome123");

WebElement loginEle= driver.findElement(By.*xpath*("//input[@value='Log In']"));

loginEle.click();

}

}



