Day 8 TC:

		1. Sign up on User page	
		(https://atozgroceries.com/)	
		2. Add anyone product to cart	
		3. Proceed to check out and give COD and	
	Sign Up and Place	confirm order	1. Validate the placed order is available
TC153	an order	4. Go to my order and check the placed order	under my order.

Solution:

I have modified "UserPage.java" and "BaseTest.java".

package com.ibm.test;			
import java.io.FileInputStream;			
import java.io.FileNotFoundException;			
import java.io.IOException;			
import java.util.HashMap;			
import java.util.concurrent.TimeUnit;			
import org.apache.poi.xssf.usermodel.XSSFCell;			
import org.apache.poi.xssf.usermodel.XSSFRow;			
import org.apache.poi.xssf.usermodel.XSSFSheet;			
import org.apache.poi.xssf.usermodel.XSSFWorkbook;			
import org.openqa.selenium.WebDriver;			
import org.openqa.selenium.chrome.ChromeDriver;			
import org.openqa.selenium.support.ui.WebDriverWait;			
import org.testng.annotations.Test;			
import com.ibm.pages.AdminPage;			
import com.ibm.pages.BannerPage;			

```
import com.ibm.pages.CouponPage;
import com.ibm.pages.CustomerPage;
import com.ibm.pages.LoginPage;
import com.ibm.pages.ProductPage;
import com.ibm.pages.ReturnPage;
import com.ibm.pages.ShippingPage;
import com.ibm.pages.TabPage;
import com.ibm.pages.UserPage;
import com.ibm.utilities.PropertiesFileHandler;
import junit.framework.Assert;
public class BaseTest {
//
       @Test
       public void Day1Testcase() throws IOException, InterruptedException
       {
               String file="./TestData/magentodata.properties";
               PropertiesFileHandler propFileHandler = new PropertiesFileHandler();
               HashMap<String, String> data= propFileHandler.getPropertiesAsMap(file);
               String url = data.get("url");
               String email = data.get("email");
```

```
String password = data.get("password");
String expectedTitle = data.get("expectedtitle");
System.setProperty("webdriver.chrome.driver", "./drivers/chromedriver.exe");
WebDriver driver = new ChromeDriver();
WebDriverWait wait=new WebDriverWait(driver, 60);
driver.manage().window().maximize();
driver.manage().timeouts().implicitlyWait(30,TimeUnit.SECONDS);
driver.get(url);
LoginPage login = new LoginPage(driver);
login.enterEmailAddress(email);
login.enterPassword(password);
login.clickOnLogin();
AdminPage apage=new AdminPage(driver, wait);
String actualTitle=apage.getCurrentTitle();
if(actualTitle.equals(expectedTitle))
{
       System.out.println("Test Passed");
       propFileHandler.setKeyAndValue(file, "TestResult", "Test Passed");
}
else
{
```

```
System.out.println("Test failed");
                       propFileHandler.setKeyAndValue(file, "TestResult", "Test Failed");
               }
               BannerPage bpage=new BannerPage(driver, wait);
               bpage.addBanner();
//
               apage.clickOnLogOut();
//
               driver.close();
       }
//
        @Test
        public void Day2Testcase() throws IOException, InterruptedException
       {
               String file="./TestData/magentodata.properties";
               PropertiesFileHandler propFileHandler = new PropertiesFileHandler();
               HashMap<String, String> data= propFileHandler.getPropertiesAsMap(file);
               String url = data.get("url");
               String email = data.get("email");
               String password = data.get("password");
```

```
String couponname = data.get("couponname");
String code = data.get("code");
String discount = data.get("discount");
String amount = data.get("amount");
String startdate = data.get("startdate");
String enddate = data.get("enddate");
String usespercoupon = data.get("usespercoupon");
String usespercustomer = data.get("usespercustomer");
//String expectedcouponmessage = data.get("expectedcouponmessage");
System.setProperty("webdriver.chrome.driver", "./drivers/chromedriver.exe");
WebDriver driver = new ChromeDriver();
WebDriverWait wait=new WebDriverWait(driver, 60);
driver.manage().window().maximize();
driver.manage().timeouts().implicitlyWait(30,TimeUnit.SECONDS);
driver.get(url);
LoginPage login = new LoginPage(driver);
login.enterEmailAddress(email);
login.enterPassword(password);
login.clickOnLogin();
AdminPage apage=new AdminPage(driver, wait);
CouponPage coupon = new CouponPage(driver, wait);
coupon.clickOnLinkMarketing();
```

```
coupon.clickOnLinkCoupons();
              coupon.clickOnIconAddNew();
              coupon.enterCode(code);
              coupon.clickOnType();
              coupon.enterDiscount(discount);
              coupon.enterAmount(amount);
              coupon.enterStartDate(startdate);
              coupon.enterEndDate(enddate);
              coupon.enterUsesPerCoupon(usespercoupon);
              coupon.enterUsesPerCustomer(usespercustomer);
              coupon.clickOnStatus();
              coupon.enterCouponName(couponname);
              coupon.clickOnlconSave();
              Thread.sleep(2000);
              coupon.validationOnRecord();
              apage.clickOnLogOut();
              driver.close();
       }
//
       @Test
       public void Day3Testcase() throws IOException, InterruptedException
       {
```

```
String file="./TestData/magentodata.properties";
PropertiesFileHandler propFileHandler = new PropertiesFileHandler();
HashMap<String, String> data= propFileHandler.getPropertiesAsMap(file);
String url = data.get("url");
String email = data.get("email");
String password = data.get("password");
String productname = data.get("productname");
String metatitle = data.get("metatitle");
String model = data.get("model");
String gst = data.get("gst");
String price = data.get("price");
String specialdiscount = data.get("specialdiscount");
//String discountprice = data.get("discountprice");
String imagepath = data.get("imagepath");
System.setProperty("webdriver.chrome.driver", "./drivers/chromedriver.exe");
WebDriver driver = new ChromeDriver();
WebDriverWait wait=new WebDriverWait(driver, 60);
driver.manage().window().maximize();
driver.manage().timeouts().implicitlyWait(30,TimeUnit.SECONDS);
driver.get(url);
```

```
LoginPage login = new LoginPage(driver);
login.enterEmailAddress(email);
login.enterPassword(password);
login.clickOnLogin();
AdminPage apage=new AdminPage(driver, wait);
ProductPage pp = new ProductPage(driver, wait);
pp.clickLinkCatalog();
pp.clickOnLinkProducts();
pp.clickOnIconAddNew();
pp.enterMetaTitle(metatitle);
pp.enterProductName(productname);
pp.clickOnTabData();
pp.enterModel(model);
pp.enterGST(gst);
pp.enterPrice(price);
pp.enterSplDiscount(specialdiscount);
//pp.enterDiscountPrice(discountprice);
pp.clickOnTabLink();
pp.selectFromTabs();
pp.selectCategories();
pp.clickOnTabImage();
pp.enterImage(imagepath);
pp.clickOnlconSave();
Thread.sleep(2000);
```

```
pp.validationOnRecord();
               apage.clickOnLogOut();
               driver.close();
       }
//
       @Test
       public void Day4Testcase() throws IOException, InterruptedException
       {
               String file="./TestData/magentodata.properties";
               PropertiesFileHandler propFileHandler = new PropertiesFileHandler();
               HashMap<String, String> data= propFileHandler.getPropertiesAsMap(file);
               String url = data.get("url");
               String email = data.get("email");
               String password = data.get("password");
               String returnactionname = data.get("returnactionname");
               System.setProperty("webdriver.chrome.driver", "./drivers/chromedriver.exe");
               WebDriver driver = new ChromeDriver();
               WebDriverWait wait=new WebDriverWait(driver, 60);
```

```
driver.manage().window().maximize();
driver.manage().timeouts().implicitlyWait(30,TimeUnit.SECONDS);
driver.get(url);
LoginPage login = new LoginPage(driver);
login.enterEmailAddress(email);
login.enterPassword(password);
login.clickOnLogin();
AdminPage apage=new AdminPage(driver, wait);
ReturnPage rp = new ReturnPage(driver, wait);
rp.clickOnLinkSystem();
rp.clickOnLinkReturns();
Thread.sleep(2000);
rp.clickOnLinkRetActions();
rp.clickOnAction();
rp.clickOnEdit();
rp.enterReturnActionName(returnactionname);
rp.clickOnIconSave();
rp.validationOnRecord();
apage.clickOnLogOut();
driver.close();
```

```
}
//
       @Test
       public void Day5Testcase() throws IOException, InterruptedException
       {
               String file="./TestData/magentodata.properties";
               PropertiesFileHandler propFileHandler = new PropertiesFileHandler();
               HashMap<String, String> data= propFileHandler.getPropertiesAsMap(file);
               String url = data.get("url");
               String email = data.get("email");
               String password = data.get("password");
               String expectedpincodemessage = data.get("expectedpincodemessage");
               System.setProperty("webdriver.chrome.driver", "./drivers/chromedriver.exe");
               WebDriver driver = new ChromeDriver();
               WebDriverWait wait=new WebDriverWait(driver, 60);
               driver.manage().window().maximize();
               driver.manage().timeouts().implicitlyWait(30,TimeUnit.SECONDS);
               driver.get(url);
               LoginPage login = new LoginPage(driver);
               login.enterEmailAddress(email);
```

```
login.clickOnLogin();
               AdminPage apage=new AdminPage(driver, wait);
               ShippingPage sp = new ShippingPage(driver, wait);
               sp.clickOnLinkSystem();
               sp.clickOnLinkShipping();
               sp.clickOnLinkShippingPincode();
               sp.clickOnAction();
               sp.clickOnEdit();
               sp.clearPincode();
               sp.clickOnIconSave();
               sp.getHeaderMessage();
               String actualpincodemessage = sp.validationOnMisingField();
               Assert.assertEquals(expectedpincodemessage, actualpincodemessage);
               apage.clickOnLogOut();
               driver.close();
       }
//
       @Test
       public void Day6Testcase() throws IOException, InterruptedException
```

login.enterPassword(password);

```
/*String file="./TestData/magentodata.properties";
PropertiesFileHandler propFileHandler = new PropertiesFileHandler();
HashMap<String, String> data= propFileHandler.getPropertiesAsMap(file);*/
/*String url = data.get("url");
String email = data.get("email");
String password = data.get("password");
String tabname = data.get("tabname");
String sortorder = data.get("sortorder");*/
//Location of Excel file
FileInputStream excelfile = new FileInputStream("./TestData/TestData.xlsx");
//Open Excel file
XSSFWorkbook book = new XSSFWorkbook(excelfile);
//1st sheet on workbook - LoginData
XSSFSheet logindata = book.getSheet("LoginData");
//Row
XSSFRow loginrow = logindata.getRow(1);
//Cell
XSSFCell ul = loginrow.getCell(0);
XSSFCell em = loginrow.getCell(1);
XSSFCell pw = loginrow.getCell(2);
String url = ul.getStringCellValue();
String email = em.getStringCellValue();
```

```
String password = pw.getStringCellValue();
//2nd sheet on workbook - Tabs
XSSFSheet tabs = book.getSheet("Tabs");
//Row
XSSFRow row = tabs.getRow(1);
//Cell
XSSFCell tn = row.getCell(0);
XSSFCell so = row.getCell(1);
String tabname = tn.getStringCellValue();
String sortorder = so.getStringCellValue();
System.setProperty("webdriver.chrome.driver", "./drivers/chromedriver.exe");
WebDriver driver = new ChromeDriver();
WebDriverWait wait=new WebDriverWait(driver, 60);
driver.manage().window().maximize();
driver.manage().timeouts().implicitlyWait(30,TimeUnit.SECONDS);
driver.get(url);
LoginPage login = new LoginPage(driver);
login.enterEmailAddress(email);
login.enterPassword(password);
login.clickOnLogin();
```

```
AdminPage apage=new AdminPage(driver, wait);
               TabPage tp = new TabPage(driver, wait);
               tp.clickOnLinkCatalog();
               tp.clickOnLinkTabs();
               tp.clickOnIconAddNew();
               tp.enterTabName(tabname);
               tp.enterSortOrder(sortorder);
               tp.selectStatus();
               tp.clickOnIconSave();
               Thread.sleep(2000);
               tp.validationOnRecord();
               UserPage up = new UserPage (driver, wait);
               up.verifytab();
               book.close();
               apage.clickOnLogOut();
               driver.close();
       }
//
       @Test
       public void Day7Testcase() throws IOException, InterruptedException
```

```
String file="./TestData/magentodata.properties";
PropertiesFileHandler propFileHandler = new PropertiesFileHandler();
HashMap<String, String> data= propFileHandler.getPropertiesAsMap(file);
String userurl = data.get("userurl");
String fullname = data.get("fullname");
String pno = data.get("pno");
String cpassword = data.get("cpassword");
String confpassword = data.get("confpassword");
String cpno = data.get("cpno");
String cemail = data.get("cemail");
String caddress = data.get("caddress");
String ccity = data.get("ccity");
String cpincode = data.get("cpincode");
String IPaddress = data.get("IPaddress");
System.setProperty("webdriver.chrome.driver", "./drivers/chromedriver.exe");
WebDriver driver = new ChromeDriver();
WebDriverWait wait=new WebDriverWait(driver, 60);
driver.manage().window().maximize();
driver.manage().timeouts().implicitlyWait(30,TimeUnit.SECONDS);
driver.get(userurl);
```

{

```
AdminPage apage=new AdminPage(driver, wait);
UserPage up = new UserPage(driver, wait);
up.clickOnLinkSignUp();
up.enterFullName(fullname);
up.enterPhoneNo(pno);
up.enterPassword(cpassword);
up.enterConfirmPassword(confpassword);
up.clickOnTermCondition();
up.clickOnButtonSignUp();
Thread.sleep(2000);
up.clickOnAlertBox();
up.clickOnLogout();
CustomerPage custp = new CustomerPage(driver, wait);
custp.launchAdminPage();
custp.clickOnLinkCustomer();
Thread.sleep(2000);
custp.clickOnAction();
custp.enterPhoneNumber(cpno);
custp.enterEmail(cemail);
custp.enterAddress(caddress);
custp.enterCity(ccity);
custp.enterPincode(cpincode);
custp.enterIPAddress(IPaddress);
custp.clickOnTopArrow();
```

```
Thread.sleep(2000);
       custp.clickOnIconSave();
       custp.validationOnRecord();
       apage.clickOnLogOut();
       custp.launchUserPage();
       up.clickOnLinkLogin();
       up.enterMobileNo(cpno);
       up.enterUserPassword(cpassword);
       up.clickOnButtonLogin();
}
@Test
public void Day8Testcase() throws IOException, InterruptedException
{
       String file="./TestData/magentodata.properties";
       PropertiesFileHandler propFileHandler = new PropertiesFileHandler();
       HashMap<String, String> data= propFileHandler.getPropertiesAsMap(file);
       String userurl = data.get("userurl");
       String cpno = data.get("cpno");
       String cpassword = data.get("cpassword");
```

```
System.setProperty("webdriver.chrome.driver", "./drivers/chromedriver.exe");
WebDriver driver = new ChromeDriver();
WebDriverWait wait=new WebDriverWait(driver, 60);
driver.manage().window().maximize();
driver.manage().timeouts().implicitlyWait(30,TimeUnit.SECONDS);
driver.get(userurl);
UserPage up = new UserPage(driver, wait);
up.clickOnLinkLogin();
up.enterMobileNo(cpno);
up.enterUserPassword(cpassword);
up.clickOnButtonLogin();
Thread.sleep(3000);
up.performSearch();
up.clickOnAddToCart();
up.clickOnCart();
Thread.sleep(2000);
up.clickOnCheckout();
up.clickOnContinuePayment();
Thread.sleep(2000);
up.clickOnConfirmOrder();
Thread.sleep(2000);
up.clickOnMyOrder();
up.validationOnOrder();
```

}

```
package com.ibm.pages;
import java.io.FileInputStream;
import java.io.FileNotFoundException;
import java.io.IOException;
import java.util.HashMap;
import java.util.List;
import java.util.Properties;
import java.util.concurrent.TimeUnit;
import org.junit.Assert;
import org.openqa.selenium.Alert;
import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openga.selenium.WebElement;
import org.openqa.selenium.chrome.ChromeDriver;
import org.openqa.selenium.support.FindBy;
import org.openqa.selenium.support.PageFactory;
import org.openqa.selenium.support.ui.WebDriverWait;
import org.testng.Reporter;
```

```
import com.ibm.utilities.PropertiesFileHandler;
public class UserPage
      WebDriver driver;
      WebDriverWait wait;
      public UserPage(WebDriver driver, WebDriverWait wait)
             this.driver=driver;
             this.wait=wait;
             PageFactory.initElements(driver,this);
      }
      public void verifytab() throws IOException, InterruptedException
             String file="./TestData/magentodata.properties";
             PropertiesFileHandler propFileHandler = new PropertiesFileHandler();
             HashMap<String, String> data= propFileHandler.getPropertiesAsMap(file);
             String userurl = data.get("userurl");
             System.setProperty("webdriver.chrome.driver",
"./drivers/chromedriver.exe");
             WebDriver driver = new ChromeDriver();
             WebDriverWait wait=new WebDriverWait(driver, 60);
             driver.manage().window().maximize();
             driver.manage().timeouts().implicitlyWait(30,TimeUnit.SECONDS);
             driver.get(userurl);
             Properties p = new Properties();
             p.load(new FileInputStream("./TestData/magentodata.properties"));
             String pagesource = driver.getPageSource();
             if(pagesource.contains(p.getProperty("tabname")))
                   System.out.println("The presence of tab name is confirmed on User
page!");
                   Assert.assertTrue(true);
             else {
                   System.out.println("The tab name doesn't exist on User page");
                   Assert.fail();
             }
      }
      //WebElement for link SignUp
             @FindBy(xpath="//a[contains(text(),'SignUp')]")
             WebElement signupEle;
```

```
//WebElement for field Full Name
      @FindBy(xpath="//input[@id='name']")
      WebElement nameEle;
//WebElement for field Phone Number
      @FindBy(xpath="//input[@id='pnum']")
      WebElement pnumEle;
//WebElement for field Password
      @FindBy(xpath="//input[@id='password']")
      WebElement pwdEle;
//WebElement for field Confirm Password
      @FindBy(xpath="//input[@id='cpassword']")
      WebElement cpwdEle;
//WebElement for checkbox Term & Conditions
      @FindBy(xpath="//input[@id='tccheckbox']")
      WebElement tccEle;
//WebElement for button SignUp
      @FindBy(xpath="//button[@id='mem_signup']")
      WebElement bsignupEle;
//WebElement for link My Account
      @FindBy(xpath="(//i[@class='flaticon-user-outline'])[1]")
      WebElement myacctEle;
//WebElement for link Logout
      @FindBy(xpath="//a[contains(text(), 'Log Out')]")
      WebElement logoutEle;
//WebElement for link Login
      @FindBy(xpath="//a[contains(text(),'Login')]")
      WebElement loginlinkEle;
//WebElement for field Phone Number
      @FindBy(xpath="//input[@id='pnum2']")
      WebElement mobileEle;
//WebElement for field Password
      @FindBy(xpath="//input[@id='pword2']")
      WebElement passwordEle;
//WebElement for button Login
      @FindBy(xpath="//button[@id='mem_login']")
      WebElement loginbuttonEle;
//WebElement for field 1st Search
      @FindBy(xpath="//input[@id='search-box']")
      WebElement searchEle;
//WebElement for icon Add to Cart
      @FindBy(xpath="//a[contains(text(),'Add To Cart')]")
      WebElement addcartEle;
//WebElement for icon Cart
      @FindBy(xpath="//p[@id='bigCart']")
      WebElement cartEle;
//WebElement for icon Checkout
      @FindBy(xpath="//a[contains(text(),'Check Out')]")
      WebElement checkoutEle;
//WebElement for icon Continue to Payment
      /*@FindBy(xpath="(//a[@class='btn orange'])[1]")
      WebElement ctopaymentEle;*/
//WebElement for icon Confirm Orders
```

```
@FindBy(xpath="//a[@id='confirm-order-id']")
             WebElement corderEle;
      //WebElement for icon My Order
             @FindBy(xpath="(//a[contains(text(),'My Orders')])[2]")
             WebElement myorderEle;
      //WebElement for Customer name on My Order
             @FindBy(xpath="//*[@class='table table-bordered table-
hover']/tbody/tr/td[2]")
             WebElement custnameEle;
             public void clickOnLinkSignUp()
                   signupEle.click();
             public void enterFullName(String fullname)
                   nameEle.sendKeys(fullname);
             public void enterPhoneNo(String pno)
                   pnumEle.sendKeys(pno);
             public void enterPassword(String cpassword)
                   pwdEle.sendKeys(cpassword);
             public void enterConfirmPassword(String confpassword)
                   cpwdEle.sendKeys(confpassword);
             public void clickOnTermCondition()
                   tccEle.click();
             public void clickOnButtonSignUp()
                   bsignupEle.click();
             public void clickOnAlertBox()
                   Alert alertBox = driver.switchTo().alert();
                   String alertmsg = alertBox.getText();
                   System.out.println(alertmsg);
                   alertBox.accept();
             public void clickOnLogout()
                   myacctEle.click();
                   logoutEle.click();
             }
             public void clickOnLinkLogin()
                   loginlinkEle.click();
```

```
public void enterMobileNo(String cpno)
             {
                    mobileEle.sendKeys(cpno);
             }
             public void enterUserPassword(String cpassword)
                    passwordEle.sendKeys(cpassword);
             public void clickOnButtonLogin()
                    loginbuttonEle.click();
             public void performSearch() throws InterruptedException
                    //driver.findElement(By.xpath("(//*[@placeholder='Search for
products...'])[1]")).click();
                    searchEle.click();
                    Thread.sleep(3000);
                    driver.findElement(By.xpath("(//*[@placeholder='Search for
products...'])[2]")).sendKeys("rice");
                    Thread.sleep(3000);
                    List<WebElement> searchProductLinks=
driver.findElements(By.xpath("//*[@id='searchproducts-div']/a"));
                    int linkCount=searchProductLinks.size();
                    System.out.println(linkCount);
                    Reporter.log("Links available"+ linkCount);
                    if(linkCount != 0)
                          System.out.println("Product Available");
                          Reporter.Log("Product Available");
                    }
                    WebElement orangeRiceEle=null;
                    for(WebElement link : searchProductLinks)
                          System.out.println(link.getText());
                          if(link.getText().toLowerCase().contains("orange"))
                          {
                                 orangeRiceEle=link;
                          }
                    Thread.sleep(5000);
                    orangeRiceEle.click();
             public void clickOnAddToCart()
                    addcartEle.click();
             public void clickOnCart()
                    cartEle.click();
             public void clickOnCheckout()
                    checkoutEle.click();
```

```
public void clickOnContinuePayment()
                   driver.findElement(By.xpath("//input[@id='pincode']")).click();
                   driver.findElement(By.xpath("(//a[@class='btn
orange'])[1]")).click();
             public void clickOnConfirmOrder()
                   driver.findElement(By.xpath("//input[@id='tc']")).click();
                   corderEle.click();
             public void clickOnMyOrder()
                   myorderEle.click();
             public void validationOnOrder() throws FileNotFoundException,
IOException
                   Properties p = new Properties();
                   p.load(new FileInputStream("./TestData/magentodata.properties"));
                   String customername = custnameEle.getText();
                   if(customername.equalsIgnoreCase(p.getProperty("fullname"))) {
                          System.out.println("The placed order is available on the
list!");
                          Assert.assertTrue(true);
                   }
                   else {
                          System.out.println("The placed order is not available on
the list!");
                          Assert.fail();
                   }
             }
```

Output Result & Eclipse console:

```
[RemoteTestNG] detected TestNG version 6.14.3
Starting ChromeDriver 2.44.609538 (b655c5a60b0b544917107a59d4153d4bf78e1b90) on port 29221
Only local connections are allowed.
Dec 21, 2018 6:42:51 PM org.openqa.selenium.remote.ProtocolHandshake createSession INFO: Detected dialect: OSS
10
Product Available
SST RAW RICE 25kg
HPT RAW RICE 25kg
Venkatasai Raw Rice 25kg
Chocolate Raw Rice 25kg
Dynamic Gold Streem Rice 25kg
SRI DEVI FINE STREEM RICE 25kg
```

MALABAR STREEM SUPER FINE RICE 25kg
KAJU STREEM RICE 25kg
ORANGE IDLY FINE RICE 25kg
HI-TECH RAW RICE 25kg
The placed order is available on the list!
PASSED: Day8Testcase

Default test

Tests run: 1, Failures: 0, Skips: 0

Default suite

Total tests run: 1, Failures: 0, Skips: 0



