package Action\_Items;  
  
import Reusable\_Library.Abstract\_Class;  
import Reusable\_Library.Reusable\_Methods;  
import Reusable\_Library.Reusable\_Methods\_Loggers;  
import jxl.Sheet;  
import jxl.Workbook;  
import jxl.read.biff.BiffException;  
import jxl.write.Label;  
import jxl.write.WritableSheet;  
import jxl.write.WritableWorkbook;  
import jxl.write.WriteException;  
import org.openqa.selenium.JavascriptExecutor;  
import org.openqa.selenium.WebDriver;  
import org.testng.annotations.Test;  
  
import java.io.File;  
import java.io.IOException;  
  
public class Assignment\_7 extends Abstract\_Class {  
  
 //declare all variables  
 WebDriver driver;  
 Workbook readableFile;  
 Sheet readableSheet;  
 WritableWorkbook writableFile;  
 WritableSheet writableSheet;  
 int rowCount;  
  
 @Test  
 public void expressOrderError () throws InterruptedException, IOException, BiffException, WriteException {  
  
  
 //setting the chrome driver  
 driver = Reusable\_Methods.*getDriver*();  
 readableFile = Workbook.*getWorkbook*(new File("src/main/resources/Express\_AI.xls"));  
 readableSheet = readableFile.getSheet(0);  
 writableFile = Workbook.*createWorkbook*(new File("src/main/resources/Express\_AI\_Results.xls"),readableFile);  
 //Step 4: define the writable sheet for the writable file  
 writableSheet = writableFile.getSheet(0);  
 //Step 5: get the count of the rows that are not empty in excel workbook  
 rowCount = writableSheet.getRows();  
  
 //navigate to express homepage  
 driver.navigate().to("https://www.express.com");  
 driver.manage().window().maximize();  
 Thread.*sleep*(2000);  
 String actualTitle = driver.getTitle();  
 if (actualTitle == "Men's and Woman's Clothing"){  
 System.*out*.println(actualTitle);  
 } else {  
 System.*out*.println("The actual title is " + actualTitle);  
 }//end of if else condition  
  
 for (int i = 1;i < rowCount;i++){  
  
 String size = writableSheet.getCell(0, i).getContents();  
 String quantity = writableSheet.getCell(1, i).getContents();  
 String firstName = writableSheet.getCell(2, i).getContents();  
 String lastName = writableSheet.getCell(3, i).getContents();  
 String email = writableSheet.getCell(4, i).getContents();  
 String phoneNumber = writableSheet.getCell(5, i).getContents();  
 String address = writableSheet.getCell(6, i).getContents();  
 String zipCode = writableSheet.getCell(7, i).getContents();  
 String city = writableSheet.getCell(8, i).getContents();  
 String state = writableSheet.getCell(9, i).getContents();  
 String cardNumber = writableSheet.getCell(10, i).getContents();  
 String expMonth = writableSheet.getCell(11, i).getContents();  
 String expYear = writableSheet.getCell(12, i).getContents();  
 String cvv = writableSheet.getCell(13, i).getContents();  
  
  
 driver.manage().deleteAllCookies();  
 //navigate to express homepage  
 driver.navigate().to("https://www.express.com");  
 driver.manage().window().maximize();  
 Thread.*sleep*(2000);  
 Reusable\_Methods\_Loggers.*click*(driver,"//\*[@class='close-text drawer-close']",*logger*,"Exit drawer");  
 Reusable\_Methods\_Loggers.*mouseHover*(driver,"//\*[@href='/mens-clothing']",*logger*,"Mens");  
 Reusable\_Methods\_Loggers.*click*(driver,"//\*[@href='/mens-clothing/shirts/cat410008']",*logger*,"Shirts link");  
 Thread.*sleep*(2000);  
 JavascriptExecutor jse = (JavascriptExecutor)driver;  
 //scroll down to schedule  
 jse.executeScript("scroll(0,400)");  
 Thread.*sleep*(2500);  
 Reusable\_Methods\_Loggers.*clickByIndex*(driver,"//\*[@class='L\_d7U']",2,*logger*,"Shirt");  
 Thread.*sleep*(2000);  
 Reusable\_Methods\_Loggers.*click*(driver,"//\*[@value='"+size+"']",*logger*,"Shirt Size");  
 Reusable\_Methods\_Loggers.*click*(driver,"//\*[@class='btn \_9yfmt \_194FD \_2tFXQ \_3yOD6 \_1Qp1L \_2veMA']",*logger*,"Add to Bag");  
 Thread.*sleep*(3000);  
 Reusable\_Methods\_Loggers.*mouseHover*(driver,"//div[3]/div[1]/button[1]",*logger*,"Shopping Bag Icon");  
 Reusable\_Methods\_Loggers.*mouseClick*(driver,"//\*[contains(text(),'View Bag & Check Out')]",*logger*,"View Bag and Checkout");  
 Thread.*sleep*(3000);  
 Reusable\_Methods\_Loggers.*dropDownMenu*(driver,"//\*[@id='qdd-0-quantity']",quantity,*logger*,"Quantity");  
 Reusable\_Methods\_Loggers.*mouseClick*(driver,"//\*[@class='granify-close-button granify-keyboard-control']",*logger*,"Pop Up");  
 Reusable\_Methods\_Loggers.*click*(driver,"//\*[@id='continue-to-checkout']",*logger*,"Checkout");  
 Thread.*sleep*(2000);  
 Reusable\_Methods\_Loggers.*click*(driver,"//\*[@class='\_1UFak \_2YpK4 \_1f9t- \_2yrqS']",*logger*,"Checkout as Guest");  
 Reusable\_Methods\_Loggers.*sendKeys*(driver,"//\*[@id='contact-information-firstname']",firstName,*logger*,"First Name");  
 Reusable\_Methods\_Loggers.*sendKeys*(driver,"//\*[contains(@name,'lastname')]",lastName,*logger*,"Last Name");  
 Reusable\_Methods\_Loggers.*sendKeys*(driver,"//\*[contains(@name,'email')]",email,*logger*,"Email Address");  
 Reusable\_Methods\_Loggers.*sendKeys*(driver,"//\*[contains(@name,'confirmEmail')]",email,*logger*,"Confirm Email Address");  
 Reusable\_Methods\_Loggers.*sendKeys*(driver,"//\*[contains(@name,'phone')]",phoneNumber,*logger*,"Phone Number");  
 Reusable\_Methods\_Loggers.*click*(driver,"//\*[@class='btn \_9yfmt \_194FD \_2tFXQ \_2SogC']",*logger*,"Continue button");  
 Reusable\_Methods\_Loggers.*sendKeys*(driver,"//\*[contains(@name,'shipping.line1')]",address,*logger*,"Street Address");  
 Reusable\_Methods\_Loggers.*sendKeys*(driver,"//\*[contains(@name,'shipping.postalCode')]",zipCode,*logger*,"Zip Code");  
 Reusable\_Methods\_Loggers.*sendKeys*(driver,"//\*[contains(@name,'shipping.city')]",city,*logger*,"City");  
 Reusable\_Methods\_Loggers.*dropDownMenu*(driver,"//\*[contains(@name,'shipping.state')]",state,*logger*,"State");  
 Reusable\_Methods\_Loggers.*click*(driver,"//\*[@class='btn \_9yfmt \_194FD \_2tFXQ \_2SogC']",*logger*,"Continue button");  
 Thread.*sleep*(3000);  
 Reusable\_Methods\_Loggers.*click*(driver,"//\*[@class='btn \_9yfmt \_194FD \_2tFXQ \_2SogC']",*logger*,"Continue button");  
 Thread.*sleep*(3000);  
 if (i == 1){  
 jse.executeScript("scroll(0,100)");  
 Reusable\_Methods\_Loggers.*mouseClick*(driver,"//\*[@class='btn \_9yfmt \_194FD \_2WoPG \_1aV6J asfNW btnDarkSurroundingsPrimary']",*logger*,"Exit Pop Up");  
 }//end of if condition  
 Reusable\_Methods\_Loggers.*sendKeys*(driver,"//\*[@id='creditCardNumberInput']",cardNumber,*logger*,"Card Number");  
 Reusable\_Methods\_Loggers.*dropDownMenu*(driver,"//\*[contains(@name,'expMonth')]",expMonth,*logger*,"Exp Month");  
 Reusable\_Methods\_Loggers.*dropDownMenu*(driver,"//\*[contains(@name,'expYear')]",expYear,*logger*,"Exp Year");  
 Reusable\_Methods\_Loggers.*sendKeys*(driver,"//\*[contains(@name,'cvv')]",cvv,*logger*,"CVV");  
 Reusable\_Methods\_Loggers.*click*(driver,"//\*[contains(text(),'Place Order')]",*logger*,"Place Order");  
 String errorMessage = Reusable\_Methods\_Loggers.*captureResult*(driver,"//\*[@class='xnY7x notification']",*logger*,"Error Message");  
 Label label = new Label(14, i, errorMessage);  
 //adding this label to writable sheet  
 writableSheet.addCell(label);  
 }//end of for loop  
 writableFile.write();  
 writableFile.close();  
  
 }//end of test class  
  
}//end of class