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package DAY10;

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.WebDriver;

import java.io.File;
import java.io.IOException;

public class ActionWorkCode {
    public static void main(String[] args) throws InterruptedException, IOException, BiffException, WriteException
    {

        //locate the readable file path
        Workbook readableFile = Workbook.getWorkbook(new File("/Users/kalra/Desktop/SIMRANJEET
QA/src/SumonQA/resource/ActionWorkExcel.xls"));

        //locate work worksheet
        Sheet readableSheet = readableFile.getSheet(0);

        //create a writeable workbook
        WritableWorkbook writableFile = Workbook.createWorkbook(new
File("/Users/kalra/Desktop/SIMRANJEET QA/src/SumonQA/resource/ActionWorkExcel.Result.xls"),
readableFile);
        //create writable sheet
        WritableSheet writableSheet = writableFile.getSheet(0);
        //get the total rows that are not empty
        int rows = writableSheet.getRows();

        //calling the setProperty from the browser
        WebDriver driver = ActionWorkLibrary.setProperty();

        //defining the for loop
        for (int i = 1; i <= 3; i++) {

            //storing the column values as a string variable
            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 streetAddress = writableSheet.getCell(6, i).getContents();
            String postalCode = writableSheet.getCell(7, i).getContents();
            String city = writableSheet.getCell(8, i).getContents();
            String state = writableSheet.getCell(9, i).getContents();
            String creditCardNumber = writableSheet.getCell(10, i).getContents();
            String expirationMonth = writableSheet.getCell(11, i).getContents();
            String ExpirationYear = writableSheet.getCell(12, i).getContents();
            String cvvCode = writableSheet.getCell(13, i).getContents();

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//navigate to the Website
driver.navigate().to("https://www.express.com/");
Thread.sleep(2000); //wait as page loading take time

//hover on women tab
ActionWorkLibrary.hover(driver, "//*[@class='_399XX MegaMenu_primaryNav__label__1s3d1']",
"Hover on Women");
Thread.sleep(1000);

//click on dresses from hover tab
ActionWorkLibrary.clickElement(driver, "//*[@text()='Dresses']", "Click on Dresses");
Thread.sleep(1000);

//click on first dress
ActionWorkLibrary.clickElement(driver, "//*[@class='_1ddDj_136PD']", "Select the First Dress");

//click on the size
ActionWorkLibrary.clickElement(driver, "//*[@value='"+Size+"']", "Select the Size");

//click on add to cart
ActionWorkLibrary.clickElement(driver, "//*[@class='btn_9yfmt_194FD_2tFXQ_3yOD6_1Qp1L_2veMA']", "Click on Add to Cart");
Thread.sleep(1000);

//hover of shopping cart
ActionWorkLibrary.hover(driver, "//*[@contains(@class,'HoverableSlideOutModal_modal_')] [3]",
"Hover on Shopping Cart");
Thread.sleep(1000);

//click on viewbag and checkout
ActionWorkLibrary.clickElement(driver, "//*[@class='btn_9yfmt_194FD_2tFXQ']", "Click on View
Bag and Checkout");

//dropdown and select the quantity
ActionWorkLibrary.dropdownByText(driver, "//*[@id='qdd-0-quantity']", Quantity, "Select the
Quantity");

//click checkout
ActionWorkLibrary.clickElement(driver, "//*[@id='continue-to-checkout']", "Click on Checkout");

//click continue as a guest
ActionWorkLibrary.clickElement(driver, "//*[@text()='Continue as Guest']", "Click on Continue as
Guest");
Thread.sleep(2000);

//enter first name
ActionWorkLibrary.userKeys(driver, "//*[@name='firstname']", firstName, "Enter First name");
//enter Last name
ActionWorkLibrary.userKeys(driver, "//*[@name='lastname']", lastName, "Enter last name");
//enter email & confirm email
ActionWorkLibrary.userKeys(driver, "//*[@name='email']", email, "Enter Email");

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ActionWorkLibrary.userKeys(driver, "//*[@name='confirmEmail']", email, "Confirm Email");
//enter phone number
ActionWorkLibrary.userKeys(driver, "//*[@name='phone']", phoneNumber, "Enter Phone Number");
//click on continue
ActionWorkLibrary.clickElement(driver, "//*[@text()='Continue']", "Click Continue");

//enter street address
ActionWorkLibrary.userKeys(driver, "//*[@name='shipping.line1']", streetAddress, "Enter the Street
Address");
//enter the postal code
ActionWorkLibrary.userKeys(driver, "//*[@name='shipping.postalCode']", postalCode, "Enter the
Postal Code");
//enter valid city
ActionWorkLibrary.userKeys(driver, "//*[@name='shipping.city']", city, "Enter the City");
//select state
ActionWorkLibrary.dropdownByText(driver, "//*[@name='shipping.state']", state, "Select the state");
//click on continue
ActionWorkLibrary.clickElement(driver, "//*[@text()='Continue']", "Click Continue");

Thread.sleep(1000);
//click on continue again
//click on continue
ActionWorkLibrary.clickElement(driver, "//*[@text()='Continue']", "Click Continue Again");

//enter card number
ActionWorkLibrary.userKeys(driver, "//*[@name='creditCardNumber']", creditCardNumber, "Enter
Credit Card Number");
//select exp month
ActionWorkLibrary.dropdownByText(driver, "//*[@name='expMonth']", expirationMonth, "Select Exp
Month");
//select exp year
ActionWorkLibrary.dropdownByText(driver, "//*[@name='expYear']", ExpirationYear, "Select Exp
Year");
//enter the 3 digit cvv
ActionWorkLibrary.userKeys(driver, "//*[@name='cvv']", cvvCode, "Enter the CVV Code");
//click on Place Order
ActionWorkLibrary.clickElement(driver, "//*[@text()='Place Order']", "Place Order");

Thread.sleep(2000);
//capture the Error text
String Message = ActionWorkLibrary.captureText(driver, "//*[@id='rvn-note-NaN']", "Capture the
Message");
System.out.println("Captured Message is: " + Message);

Label label = new Label(14, i, Message);
//adding back
writableSheet.addCell(label);

//delete all cookies
driver.manage().deleteAllCookies();
} //end of for loop

writableFile.write();
writableFile.close();
readableFile.close();

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        driver.quit();//close the program
    }//main end
} //public class end
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