CC1. 727721EUIT020-BALAKAVI B

------------------------------------------------------------------------------------------------------------------------------------------**1. Adding a product to cart and checkout**

**package** com.Selenium.test1;

**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.chrome.ChromeOptions;

**import** io.github.bonigarcia.wdm.WebDriverManager;

**public** **class** CC1 {

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

WebDriverManager.*chromedriver*().setup();

ChromeOptions co = **new** ChromeOptions();

co.addArguments("--remote-allow-origins=\*");

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

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

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

WebElement uname=driver.findElement(By.*id*("user-name"));

WebElement pwd=driver.findElement(By.*id*("password"));

WebElement sumbit=driver.findElement(By.*xpath*("//\*[@id=\"login-button\"]"));

uname.sendKeys("standard\_user");

pwd.sendKeys("secret\_sauce");

sumbit.click();

WebElement k=driver.findElement(By.*xpath*("//\*[@id=\"add-to-cart-sauce-labs-backpack\"]"));

k.click();

System.***out***.println("Product is added");

WebElement d=driver.findElement(By.*xpath*("//\*[@id=\"shopping\_cart\_container\"]/a"));

d.click();

System.***out***.println("Product is viwed");

// WebElement n=driver.findElement(By.xpath("//\*[@id=\"continue-shopping\"]"));

// driver.navigate().back();

WebElement str1=driver.findElement(By.*xpath*("//\*[@id=\"item\_4\_title\_link\"]/div"));

System.***out***.println("ProductName :"+str1.getText());

WebElement str2=driver.findElement(By.*xpath*("//\*[@id=\"cart\_contents\_container\"]/div/div[1]/div[3]/div[2]/div[2]/div"));

System.***out***.println("Price :"+str2.getText());

WebElement checkbutton=driver.findElement(By.*xpath*("//\*[@id=\"checkout\"]"));

checkbutton.click();

WebElement fname=driver.findElement(By.*id*("first-name"));

WebElement lname=driver.findElement(By.*id*("last-name"));

WebElement zipcode=driver.findElement(By.*id*("postal-code"));

WebElement con=driver.findElement(By.*xpath*("//\*[@id=\"continue\"]"));

fname.sendKeys("Balakavi");

lname.sendKeys("B");

zipcode.sendKeys("123456");

con.click();

WebElement finish=driver.findElement(By.*xpath*("//\*[@id=\"finish\"]"));

finish.click();

String str3="Swag Labs";

String str4=driver.getTitle();

**if**(str3.equals(str4)) {

System.***out***.println("The is verifed");

}

String url3="https://www.saucedemo.com/checkout-complete.html";

String url4=driver.getCurrentUrl();

**if**(url3.equals(url4)) {

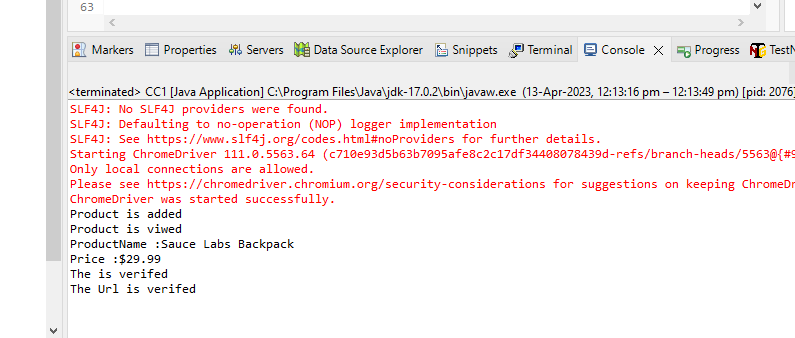
System.***out***.println("The Url is verifed");

}

}

}

**OUTPUT**

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2. Filter option

//package com.Selenium.test1;

//

//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.chrome.ChromeOptions;

//

//import io.github.bonigarcia.wdm.WebDriverManager;

//

//public class CC1 {

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

//

// WebDriverManager.chromedriver().setup();

// ChromeOptions co = new ChromeOptions();

// co.addArguments("--remote-allow-origins=\*");

// WebDriver driver=new ChromeDriver(co);

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

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

// WebElement uname=driver.findElement(By.id("user-name"));

// WebElement pwd=driver.findElement(By.id("password"));

// WebElement sumbit=driver.findElement(By.xpath("//\*[@id=\"login-button\"]"));

// uname.sendKeys("standard\_user");

// pwd.sendKeys("secret\_sauce");

// sumbit.click();

// WebElement k=driver.findElement(By.xpath("//\*[@id=\"add-to-cart-sauce-labs-backpack\"]"));

// k.click();

// System.out.println("Product is added");

// WebElement d=driver.findElement(By.xpath("//\*[@id=\"shopping\_cart\_container\"]/a"));

// d.click();

// System.out.println("Product is viwed");

//// WebElement n=driver.findElement(By.xpath("//\*[@id=\"continue-shopping\"]"));

//// driver.navigate().back();

// WebElement str1=driver.findElement(By.xpath("//\*[@id=\"item\_4\_title\_link\"]/div"));

// System.out.println("ProductName :"+str1.getText());

// WebElement str2=driver.findElement(By.xpath("//\*[@id=\"cart\_contents\_container\"]/div/div[1]/div[3]/div[2]/div[2]/div"));

// System.out.println("Price :"+str2.getText());

// WebElement checkbutton=driver.findElement(By.xpath("//\*[@id=\"checkout\"]"));

// checkbutton.click();

// WebElement fname=driver.findElement(By.id("first-name"));

// WebElement lname=driver.findElement(By.id("last-name"));

// WebElement zipcode=driver.findElement(By.id("postal-code"));

// WebElement con=driver.findElement(By.xpath("//\*[@id=\"continue\"]"));

// fname.sendKeys("Balakavi");

// lname.sendKeys("B");

// zipcode.sendKeys("123456");

// con.click();

// WebElement finish=driver.findElement(By.xpath("//\*[@id=\"finish\"]"));

// finish.click();

// String str3="Swag Labs";

// String str4=driver.getTitle();

// if(str3.equals(str4)) {

// System.out.println("The is verifed");

// }

// String url3="https://www.saucedemo.com/checkout-complete.html";

// String url4=driver.getCurrentUrl();

// if(url3.equals(url4)) {

// System.out.println("The Url is verifed");

// }

//

// }

//}

**package** com.Selenium.test1;

**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.chrome.ChromeOptions;

**import** org.openqa.selenium.support.ui.Select;

**import** io.github.bonigarcia.wdm.WebDriverManager;

**public** **class** CC1 {

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

{

WebDriverManager.*chromedriver*().setup();

ChromeOptions co=**new** ChromeOptions();

co.addArguments("--remote-allow-origins=\*");

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

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

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

WebElement sel=driver.findElement(By.*id*("user-name"));

sel.sendKeys("standard\_user");

WebElement sel2=driver.findElement(By.*id*("password"));

sel2.sendKeys("secret\_sauce");

WebElement sel3=driver.findElement(By.*id*("login-button"));

Thread.*sleep*(4000);

sel3.click();

WebElement sort1=driver.findElement(By.*className*("product\_sort\_container"));

sort1.click();

Select select= **new** Select(sort1);

select.selectByVisibleText("Name (A to Z)");

Thread.*sleep*(4000);

WebElement iden=driver.findElement(By.*xpath*("//\*[@id=\"header\_container\"]/div[2]/div/span/select/option[1]"));

**if**(iden.getText().equals("Name (A to Z)")) {

System.***out***.println("1.Verified that the user is able to apply the filter Name (A to Z)");

}

Thread.*sleep*(4000);

iden.click();

WebElement name=driver.findElement(By.*xpath*("//\*[@id=\"item\_4\_title\_link\"]/div"));

System.***out***.println("First product name while filtering from A-Z :-"+name.getText());

WebElement iden1=driver.findElement(By.*xpath*("//\*[@id=\"header\_container\"]/div[2]/div/span/select/option[2]"));

**if**(iden1.getText().equals("Name (Z to A)")) {

System.***out***.println("2.Verified that the user is able to apply the filter Name (Z to A)");

}

iden1.click();

Thread.*sleep*(4000);

WebElement name1=driver.findElement(By.*xpath*("//\*[@id=\"item\_3\_title\_link\"]/div"));

System.***out***.println("First product name while filtering from Z-A :-"+name1.getText());

WebElement iden2=driver.findElement(By.*xpath*("//\*[@id=\"header\_container\"]/div[2]/div/span/select/option[3]"));

**if**(iden2.getText().equals("Price (low to high)")) {

System.***out***.println("3.Verified that the user is able to apply the filter Price (low to high)");

}

iden2.click();

Thread.*sleep*(4000);

WebElement name2=driver.findElement(By.*xpath*("//\*[@id=\"item\_2\_title\_link\"]/div"));

System.***out***.println("First product name while filtering from Price (low to high) :-"+name2.getText());

WebElement iden3=driver.findElement(By.*xpath*("//\*[@id=\"header\_container\"]/div[2]/div/span/select/option[4]"));

**if**(iden3.getText().equals("Price (high to low)")) {

System.***out***.println("4.Verified that the user is able to apply the filter Price (high to low)");

}

iden3.click();

Thread.*sleep*(4000);

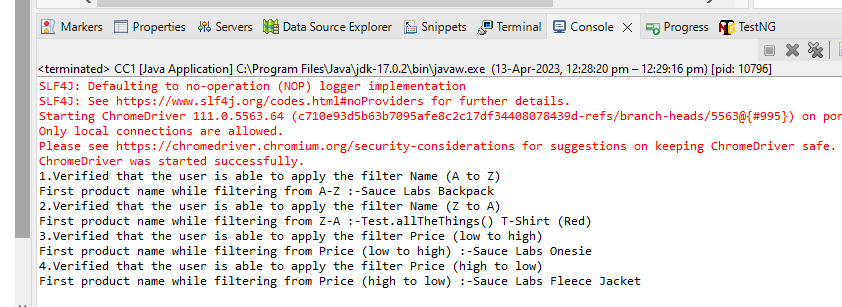
WebElement name3=driver.findElement(By.*xpath*("//\*[@id=\"item\_5\_title\_link\"]/div"));

System.***out***.println("First product name while filtering from Price (high to low) :-"+name3.getText());

}

}

**OUTPUT**

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