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CC1

1)

```
package com.Test.Testing;

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.chrome.ChromeDriver;

import org.openqa.selenium.chrome.ChromeOptions;

import io.github.bonigarcia.wdm.WebDriverManager;

/**
 * Hello world!
 *
 */

public class App

{

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

    {

        ChromeOptions co=new ChromeOptions();

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

        WebDriverManager.chromedriver().setup();

        WebDriver driver=new ChromeDriver();

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

    }

}
```

```
driver.findElement(By.xpath("//input[@id=\"user-name\"]")).sendKeys("standard_user");
driver.findElement(By.xpath("//input[@id=\"password\"]")).sendKeys("secret_sauce");
driver.findElement(By.xpath("//input[@id=\"login-button\"]")).click();
driver.findElement(By.xpath("//button[@id=\"add-to-cart-sauce-labs-backpack\"]")).click();
;

driver.findElement(By.xpath("//a[@class=\"shopping_cart_link\"]")).click();

String expectedUrl="https://www.saucedemo.com/cart.html";

String url=driver.getCurrentUrl();

if(expectedUrl.equals(url)) {

    System.out.println("Product is added to the cart sucessfully");
}

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

String infoTitle=driver.findElement(By.xpath("//span[@class=\"title\"]")).getText();

if(infoTitle.equals("Checkout: Your Information")) {

    System.out.println("Information is shown");
}

driver.findElement(By.xpath("//input[@id=\"first-name\"]")).sendKeys("Muthu");
driver.findElement(By.xpath("//input[@id=\"last-name\"]")).sendKeys("Kumar");
driver.findElement(By.xpath("//input[@id=\"postal-code\"]")).sendKeys("1234");
driver.findElement(By.xpath("//input[@id=\"continue\"]")).click();

String check2= driver.findElement(By.xpath("//*[@id=\"header_container\"]/div[2]/span")).getText();

if(check2.equals("Checkout: Overview")) {

    System.out.println("Overview verified");
}
```

```

}

String name=driver.findElement(By.xpath("//*[@id=\"item_4_title_link\"]/div")).getText();

System.out.println("ProductName:"+name);

String price=driver.findElement(By.xpath("
//*[@id=\"checkout_summary_container\"]/div/div[1]/div[3]/div[2]/div[2]/div")).getText();

System.out.println("Price:"+price);

String lastStep=driver.getCurrentUrl();

if(lastStep.equals("https://www.saucedemo.com/checkout-step-two.html")) {

    System.out.println("URL verified");

}

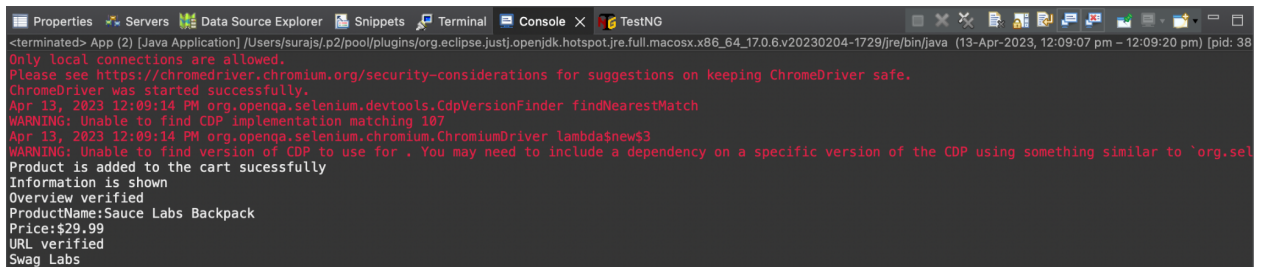
System.out.println(driver.getTitle());

}

}

```

OUTPUT:



```

<terminated> App (2) [Java Application] /Users/surajs/.p2/pool/plugins/org.eclipse.justi.openjdk.hotspot.jre.full.macosx.x86_64_17.0.6.v20230204-1729/jre/bin/java (13-Apr-2023, 12:09:07 pm - 12:09:20 pm) [pid: 38]
Only local connections are allowed.
Please see https://chromedriver.chromium.org/security-considerations for suggestions on keeping ChromeDriver safe.
ChromeDriver was started successfully.
Apr 13, 2023 12:09:14 PM org.openqa.selenium.devtools.CdpVersionFinder findNearestMatch
WARNING: Unable to find CDP implementation matching 107
Apr 13, 2023 12:09:14 PM org.openqa.selenium.chromium.ChromiumDriver Lambda$new$3
WARNING: Unable to find version of CDP to use for . You may need to include a dependency on a specific version of the CDP using something similar to `org.seleniumhq.selenium:htmlunit-driver:2.63.0`
Product is added to the cart successfully
Information is shown
Overview verified
ProductName:Sauce Labs Backpack
Price:$29.99
URL verified
Swag Labs

```

2)

```

package com.Test.Testing;

import java.util.List;

```

```
import org.openqa.selenium.By;

import org.openqa.selenium.JavascriptExecutor;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.chrome.ChromeDriver;

import org.openqa.selenium.firefox.FirefoxDriver;

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

import io.github.bonigarcia.wdm.WebDriverManager;

/**
 *
 */

public class Question2

{

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

    {

        WebDriverManager.chromedriver().setup();

        WebDriver driver = new ChromeDriver();

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

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

        driver.findElement(By.xpath("//*[@id=\"user-name\"]")).sendKeys("standard_user");

        driver.findElement(By.xpath("//*[@id=\"password\"]")).sendKeys("secret_sauce");

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

        String title=driver.getTitle();
```

```
if(title.equals("Swag Labs")) {  
  
    System.out.println("Title Matched");  
  
    System.out.println("Title : "+title);  
  
    System.out.println("URL : "+driver.getCurrentUrl());  
  
}  
  
else {  
  
    System.out.println("Title is MisMatched");  
  
}  
  
WebElement  
b=driver.findElement(By.xpath("//*[@id=\"header_container\"]/div[2]/div/span/select/opti  
on[1]"));  
  
if(b.getText().equals("Name (A to Z)")) {  
  
    System.out.println("Filter can be applied from A-Z");  
  
}  
  
else {  
  
    System.out.println("Filter cannot be applied from A-Z");  
  
}  
  
b=driver.findElement(By.className("inventory_item_name"));  
  
System.out.println("Product A-Z : "+b.getText());  
  
Thread.sleep(3000);  
  
Select se = new  
Select(driver.findElement(By.xpath("//*[@id=\"header_container\"]/div[2]/div/span/select  
)));  
  
se.selectByValue("za");
```

```
b=driver.findElement(By.xpath("//*[@id=\"header_container\"]/div[2]/div/span/select/option[2]"));

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

System.out.println("Filter can be applied from Z-A");

}

else {

System.out.println("Filter cannot be applied from Z-A");

}

b=driver.findElement(By.className("inventory_item_name"));

System.out.println("Product Z-A : "+b.getText());

Thread.sleep(3000);

Select se1 = new
Select(driver.findElement(By.xpath("//*[@id=\"header_container\"]/div[2]/div/span/select"
)));

se1.selectByValue("lohi");

b=driver.findElement(By.xpath("//*[@id=\"header_container\"]/div[2]/div/span/select/option[3]"));

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

System.out.println("Filter can be applied from Low-High");

}

else {

System.out.println("Filter cannot be applied from Low-High");

}

b=driver.findElement(By.className("inventory_item_name"));

System.out.println("Product Low-High : "+b.getText());
```

```

Thread.sleep(3000);

Select se2 = new
Select(driver.findElement(By.xpath("//*[@id=\"header_container\"]//div[2]/div/span/select"
)));

se2.selectByValue("hilo");

b=driver.findElement(By.xpath("//*[@id=\"header_container\"]//div[2]/div/span/select/opti
on[4]"));

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

System.out.println("Filter can be applied from High-Low");

}

else {

System.out.println("Filter cannot be applied from High-Low");

}

b=driver.findElement(By.className("inventory_item_name"));

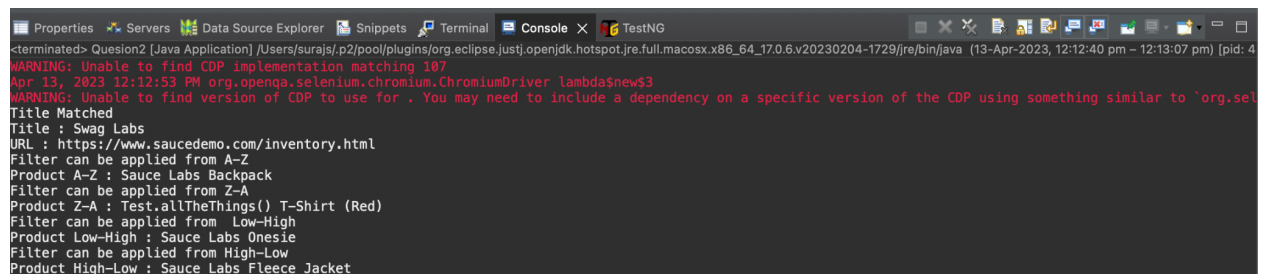
System.out.println("Product High-Low : "+b.getText());

}

}

```

OUTPUT:



```

Properties Servers Data Source Explorer Snippets Terminal Console X TestNG
<terminated> Question2 [Java Application] /Users/surajs/p2/pool/plugins/org.eclipse.justi.openjdk.hotspot.jre.full.macosx.x86_64_17.0.6.v20230204-1729/jre/bin/java (13-Apr-2023, 12:12:40 pm - 12:13:07 pm) [pid: 4
WARNING: Unable to find CDP implementation matching 107
Apr 13, 2023 12:12:53 PM org.openqa.selenium.chromium.ChromiumDriver lambda$new$3
WARNING: Unable to find version of CDP to use for . You may need to include a dependency on a specific version of the CDP using something similar to 'org.sel
Title Matched
Title : Swag Labs
URL : https://www.saucedemo.com/inventory.html
Filter can be applied from A-Z
Product A-Z : Sauce Labs Backpack
Filter can be applied from Z-A
Product Z-A : Test.allTheThings() T-Shirt (Red)
Filter can be applied from Low-High
Product Low-High : Sauce Labs Onesie
Filter can be applied from High-Low
Product High-Low : Sauce Labs Fleece Jacket

```