Testing Methodologies

**CA-1**

**727721EUIT052**

1.Adding,Removing,Updating from Cart,Validating signin page navigation

TC\_001

Code:

package com.harshan.Ca1.Ques1;

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 TC\_001 {

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.amazon.in/");

Thread.*sleep*(2000);

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

driver.findElement(By.*xpath*("//\*[@id=\"twotabsearchtextbox\"]")).sendKeys("Nike blazer shoes");

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

Thread.*sleep*(2000);

driver.navigate().to("https://www.amazon.in/Nike-Men-Blazer-VNTG-Bq6806/dp/B08Q8RRR6B/ref=sr\_1\_1?crid=1X76VXIHRGPCH&keywords=Nike+blazer+shoes&qid=1681289171&sprefix=nike+blazer+shoes%2Caps%2C1217&sr=8-1") ;

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

WebElement cart=driver.findElement(By.*xpath*("//\*[@id=\"nav-cart-count\"]"));

if(cart.getText().equals("1")) {

System.***out***.print("Added to cart is working successfully");

}else {

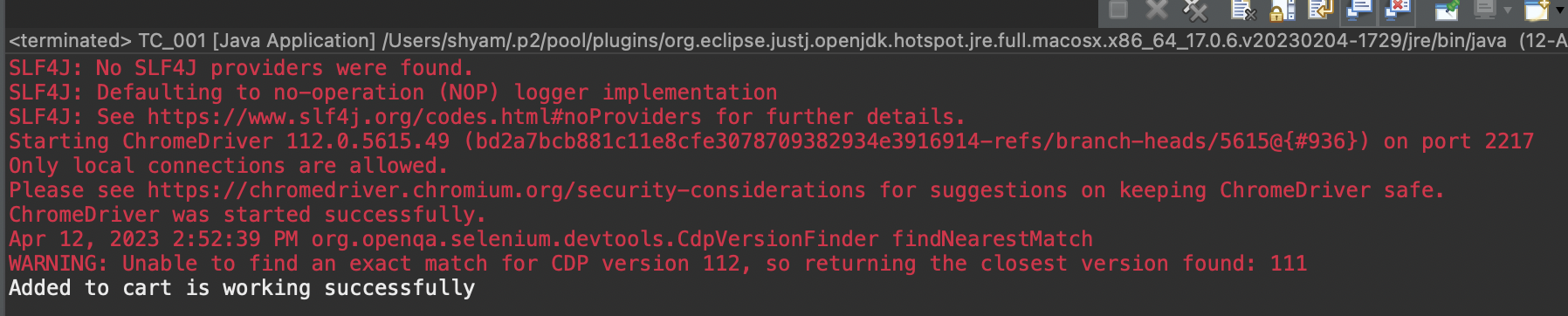
System.***out***.print("Added to cart is not working successfully");

}

}

}

Output:



TC\_002

Code:

package com.harshan.Ca1.Ques1;

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 TC\_002 {

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.amazon.in/");

Thread.*sleep*(2000);

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

driver.findElement(By.*xpath*("//\*[@id=\"twotabsearchtextbox\"]")).sendKeys("Nike blazer shoes");

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

Thread.*sleep*(2000);

driver.navigate().to("https://www.amazon.in/Nike-Men-Blazer-VNTG-Bq6806/dp/B08Q8RRR6B/ref=sr\_1\_1?crid=1X76VXIHRGPCH&keywords=Nike+blazer+shoes&qid=1681289171&sprefix=nike+blazer+shoes%2Caps%2C1217&sr=8-1") ;

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

driver.navigate().to("https://www.amazon.in/gp/cart/view.html?ref\_=nav\_cart");

Thread.*sleep*(2000);

WebElement cart=driver.findElement(By.*xpath*("//\*[@id=\"nav-cart-count\"]"));

if(cart.getText().equals("0")) {

System.***out***.print("Removing from cart is working successfully");

}else {

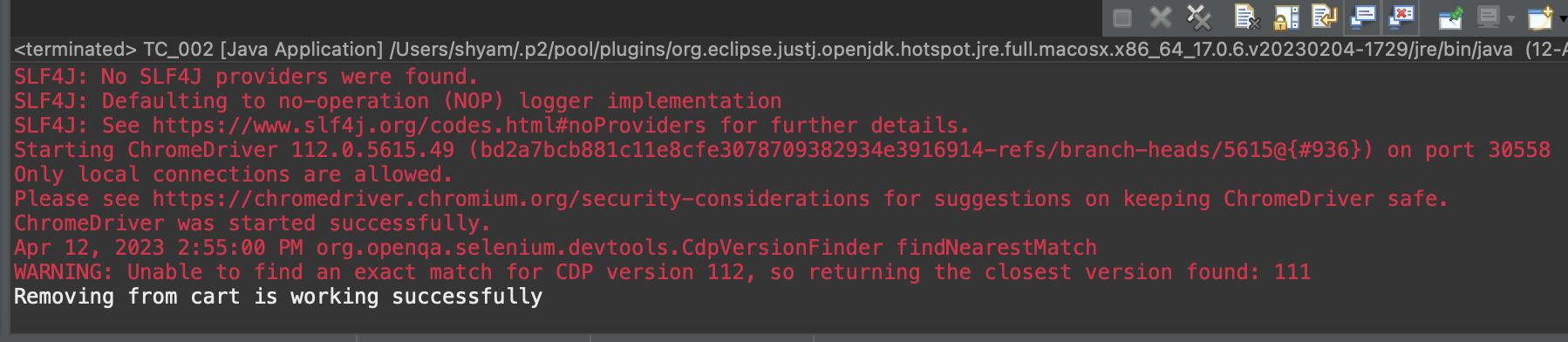
System.***out***.print("Removing from cart is not working successfully");

}

}

}

Output:



TC\_003

Code:

package com.Harshan.Ca1.Ques1;

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 TC\_003 {

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.amazon.in/");

Thread.*sleep*(2000);

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

driver.findElement(By.*xpath*("//\*[@id=\"twotabsearchtextbox\"]")).sendKeys("Nike blazer shoes");

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

Thread.*sleep*(2000);

driver.navigate().to("https://www.amazon.in/Nike-Men-Blazer-VNTG-Bq6806/dp/B08Q8RRR6B/ref=sr\_1\_1?crid=1X76VXIHRGPCH&keywords=Nike+blazer+shoes&qid=1681289171&sprefix=nike+blazer+shoes%2Caps%2C1217&sr=8-1") ;

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

driver.navigate().to("https://www.amazon.in/gp/cart/view.html?ref\_=nav\_cart");

driver.findElement(By.*xpath*("//\*[@id=\"a-autoid-0\"]")).click();

driver.findElement(By.*xpath*("//\*[@id=\"quantity\_2\"]")).click();

Thread.*sleep*(2000);

WebElement cart=driver.findElement(By.*xpath*("//\*[@id=\"nav-cart-count\"]"));

if(cart.getText().equals("2")) {

System.***out***.print("Updating cart is working successfully");

}else {

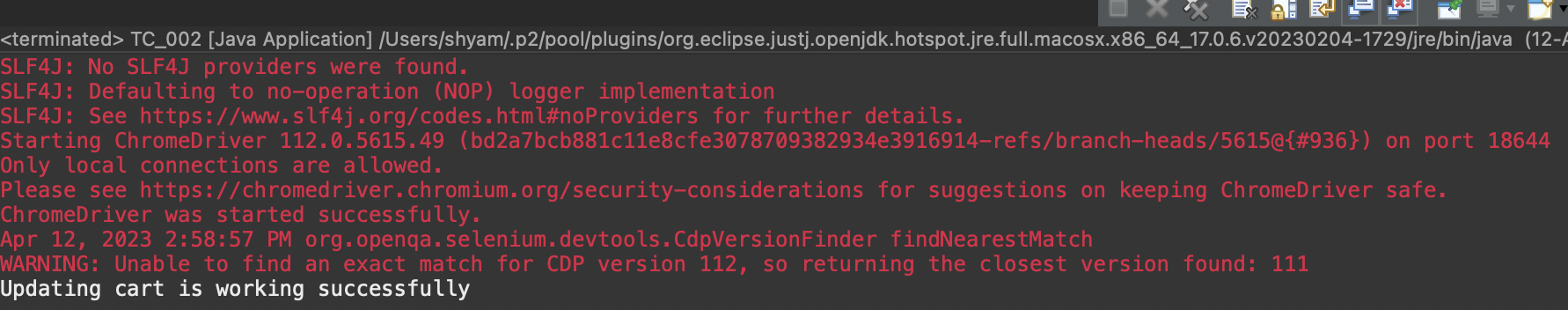
System.***out***.print("Updating cart is not working successfully");

}

}

}

Output:



TC\_004

Code:

package com.Harshan.Ca1.Ques1;

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 TC\_004 {

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.amazon.in/");

Thread.*sleep*(2000);

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

driver.findElement(By.*xpath*("//\*[@id=\"twotabsearchtextbox\"]")).sendKeys("Nike blazer shoes");

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

Thread.*sleep*(2000);

driver.navigate().to("https://www.amazon.in/Nike-Men-Blazer-VNTG-Bq6806/dp/B08Q8RRR6B/ref=sr\_1\_1?crid=1X76VXIHRGPCH&keywords=Nike+blazer+shoes&qid=1681289171&sprefix=nike+blazer+shoes%2Caps%2C1217&sr=8-1") ;

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

// driver.navigate().to("https://www.amazon.in/gp/cart/view.html?ref\_=nav\_cart");

//

// driver.findElement(By.xpath("///\*[@id=\"sc-buy-box-ptc-button\"]/span/input")).click();

driver.findElement(By.*xpath*("//\*[@id=\"sc-buy-box-ptc-button\"]/span/input")).click();

WebElement ele=driver.findElement(By.*xpath*("//\*[@id=\"authportal-main-section\"]/div[2]/div/div[1]/form/div/div/div/h1"));

String actual=ele.getText();

System.***out***.println(actual);

String expected="Sign in";

if(actual.equals(expected)) {

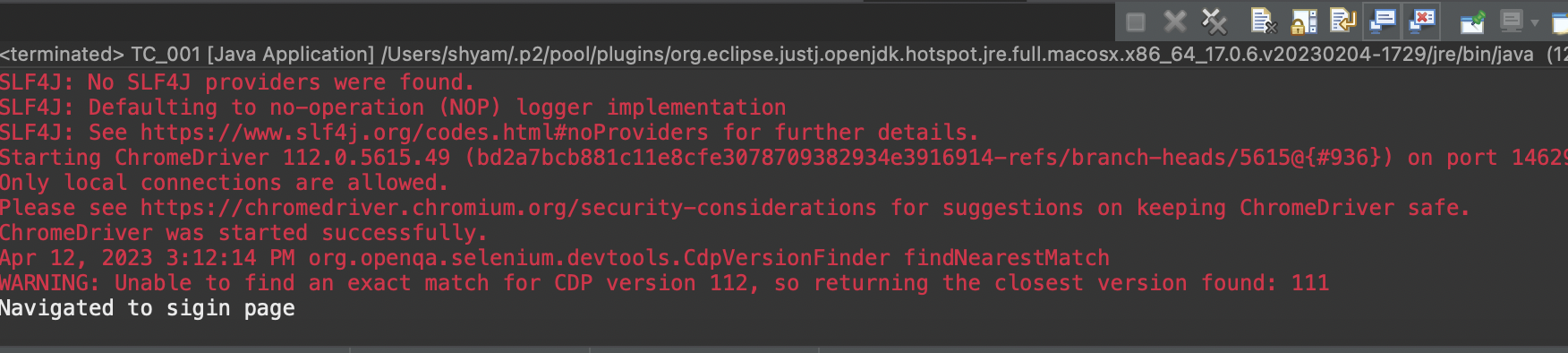
System.***out***.print("Navigated to sigin page");

}

}

}

Output:



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Code:

package com.Harshan.Ca1;

import java.util.List;

import org.openqa.selenium.By;

import org.openqa.selenium.Keys;

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 Ques2 {

public static void main( String[] args ){

ChromeOptions co=new ChromeOptions();

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

WebDriverManager.*chromedriver*().setup();//setting up chrome driver

WebDriver driver=new ChromeDriver();

driver.get("https://www.amazon.in");

driver.findElement(By.*xpath*("//\*[@id=\"twotabsearchtextbox\"]")).sendKeys(“Shoes");

driver.findElement(By.*xpath*("//\*[@id=\"twotabsearchtextbox\"]")).sendKeys(*Keys*.***ENTER***);

String a=driver.getTitle();

if(a.equals("Amazon.in : Shoes")) {

System.***out***.println("Title is Matched\n");

}

else {

System.***out***.println("Title is Mismatched");

}

List<WebElement> li=driver.findElements(By.*className*("s-line-clamp-2"));

for(int i=0;i<5;i++) {

System.***out***.println(li.get(i).getText());

}

driver.findElement(By.*xpath*("//\*[@id=\"p\_36/1318505031\"]/span/a/span")).click();

WebElement b=driver.findElement(By.*xpath*("//\*[@id=\"search\"]/div[1]/div[1]/div/span[1]/div[1]/div[2]/div/div/div/div/div/div/div/div[2]/div/div/div[3]/div[1]/div/div[1]/div[2]/a/span[1]/span[2]/span[2]"));

System.***out***.print("Price 2,000-10,000 :"+b.getText());

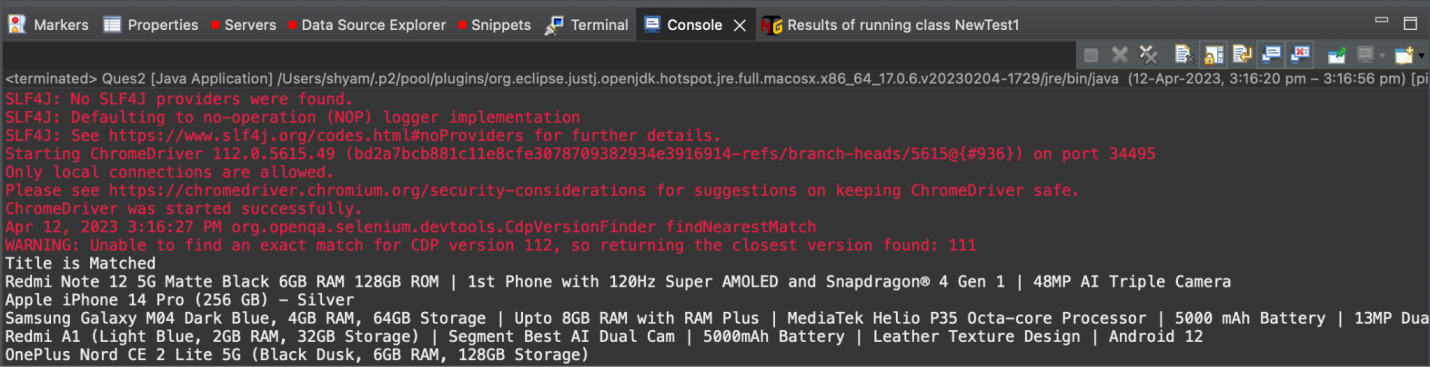
driver.findElement(By.*xpath*("//\*[@id=\"p\_89/Samsung\"]/span/a/div/label/i")).click();

WebElement c=driver.findElement(By.*xpath*("//\*[@id=\"search\"]/div[1]/div[1]/div/span[1]/div[1]/div[2]/div/div/div/div/div/div[2]/div/div/div[1]/h2/a/span"));

System.***out***.print("Price 2,000-10,000 & Puma: "+ c.getText());

}

}

Output:

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package com.selenium.test.NewTest2.SelTest;

import java.util.List;

import org.openqa.selenium.By;

import org.openqa.selenium.JavascriptExecutor;

import org.openqa.selenium.Keys;

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;

/\*\*

\* Hello world!

\*

\*/

public class App

{

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.amazon.in/ref=nav\_logo");

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

String title=driver.getTitle();

System.out.println(title);

if(title.equals("Online Shopping site in India: Shop Online for Mobiles, Books, Watches, Shoes and More - Amazon.in")) {

System.out.println("Verified title of the page");

}else {

System.out.println("Title not matched");

}

driver.findElement(By.id("nav-link-accountList")).click();

driver.findElement(By.id("ap\_email")).sendKeys("feviliya28@gmail.com");

driver.findElement(By.id("ap\_email")).sendKeys(Keys.ENTER);

driver.findElement(By.id("ap\_password")).sendKeys("Fevi2802\*");

driver.findElement(By.id("ap\_password")).sendKeys(Keys.ENTER);

Thread.sleep(2000);

String name=driver.findElement(By.id("nav-link-accountList-nav-line-1")).getText();

if(name.equals("Hello, Feviliya")) {

System.out.println("Successfully, signed in");

}else {

System.out.println("Sign in failed");

}

System.out.println("Testing Ended");

driver.quit();

}

}

