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**SOFTWARE TESTING CA – 1**

1)

package ca1;

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.edge.EdgeDriver;

import org.openqa.selenium.edge.EdgeOptions;

import org.testng.annotations.Test;

import io.github.bonigarcia.wdm.WebDriverManager;

public class Ce\_1

{

@Test

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

{

EdgeOptions co = new EdgeOptions();

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

WebDriverManager.edgedriver().setup();

WebDriver driver = new EdgeDriver(co);

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

driver.get("https://www.amazon.in/ASUS-15-6-inch-GeForce-Windows-FA506IHRZ-HN111W/dp/B0B5DZTNZQ?ref\_=Oct\_DLandingS\_D\_6c1a28b8\_61");

WebElement signIn = driver.findElement(By.xpath("//\*[@id=\"nav-link-accountList-nav-line-1\"]"));

signIn.click();

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

WebElement login1 = driver.findElement(By.xpath("//\*[@id=\"continue\"]"));

mail.sendKeys("jegatheeswaranmk2002@gmail.com");

login1.click();

try {

Thread.sleep(500);

} catch (InterruptedException e) {

// TODO Auto-generated catch block

e.printStackTrace();

}

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

pass.sendKeys("#Amazon2002");

WebElement login2 = driver.findElement(By.xpath("//\*[@id=\"signInSubmit\"]"));

login2.click();

try {

Thread.sleep(500);

} catch (InterruptedException e) {

// TODO Auto-generated catch block

e.printStackTrace();

}

// WebElement pass2 = driver.findElement(By.xpath("//\*[@id=\"ap\_password\"]"));

// pass2.sendKeys("#Amazon2002");

// try {

// Thread.sleep(10000);

// } catch (InterruptedException e) {

// // TODO Auto-generated catch block

// e.printStackTrace();

// }

// WebElement login3 = driver.findElement(By.xpath("//\*[@id=\"signInSubmit\"]"));

// login3.click();

//

//// WebElement phone\_img = driver.findElement(By.xpath("//\*[@id=\"CardInstance5K2bpoDClbj3N1MmkCFRWg\"]/div[2]/div/a[1]/div/img"));

//// phone\_img.click();

// try {

// Thread.sleep(5000);

// } catch (InterruptedException e) {

// // TODO Auto-generated catch block

// e.printStackTrace();

// }

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

String a\_title = driver.getTitle();

String e\_title = "ASUS TUF Gaming A15, 15.6-inch (39.62 cms) FHD 144Hz, AMD Ryzen 5 4600H, 4GB NVIDIA GeForce GTX 1650, Gaming Laptop (8GB/512GB SSD/Windows 11/Black/2.3 Kg), FA506IHRZ-HN111W : Amazon.in: Computers & Accessories";

System.out.println(a\_title);

if(a\_title.equals(e\_title)) {

System.out.println("Title is matching");

}

else {

System.out.println("Title Mismatch");

}

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

Thread.sleep(5000);

Boolean present = driver.findElement(By.xpath("//\*[@id=\"attach-close\_sideSheet-link\"]")).isDisplayed();

// System.out.println("Is item added to cart:" + present);

if(present) {

System.out.println("Added to cart Successfully");

}

driver.get("https://www.amazon.in/gp/cart/view.html/ref=dp\_atch\_dss\_cart?");

Thread.sleep(5000);

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

Thread.sleep(2000);

String removeText = driver.findElement(By.xpath("//\*[@id=\"sc-active-cart\"]/div/div[1]/div/h1")).getText();

String extext = "Your Amazon Cart is empty.";

if(removeText.equals(extext)) {

System.out.println("Removed");

}

driver.get("https://www.amazon.in/ASUS-15-6-inch-GeForce-Windows-FA506IHRZ-HN111W/dp/B0B5DZTNZQ?ref\_=Oct\_DLandingS\_D\_6c1a28b8\_61");

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

Thread.sleep(2000);

driver.get("https://www.amazon.in/gp/cart/view.html/ref=dp\_atch\_dss\_cart?");

Thread.sleep(5000);

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

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

Thread.sleep(2000);

driver.findElement(By.xpath("//\*[@name=\"proceedToRetailCheckout\"] "));

Thread.sleep(1000);

String sign = driver.getTitle();

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

proceed.click();

String amount = driver.findElement(By.xpath("//\*[@id=\"subtotals-marketplace-table\"]/tbody/tr[4]/td[2]")).getText();

System.out.println(amount);

// System.out.println(sign);

// String esign = "Amazon Sign In";

// if(sign.equals(esign)) {

// System.out.println("Success");

// }

// else {

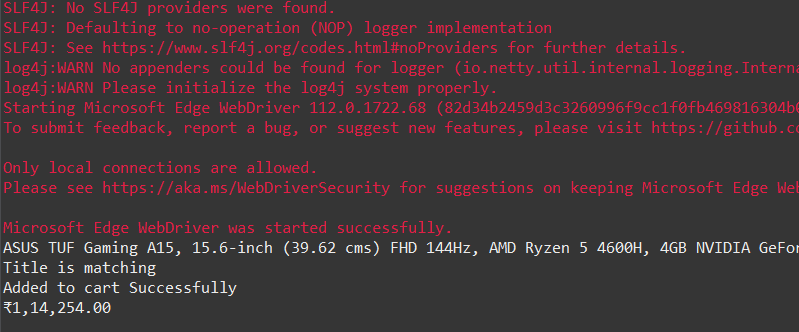
// System.out.println("Failure");

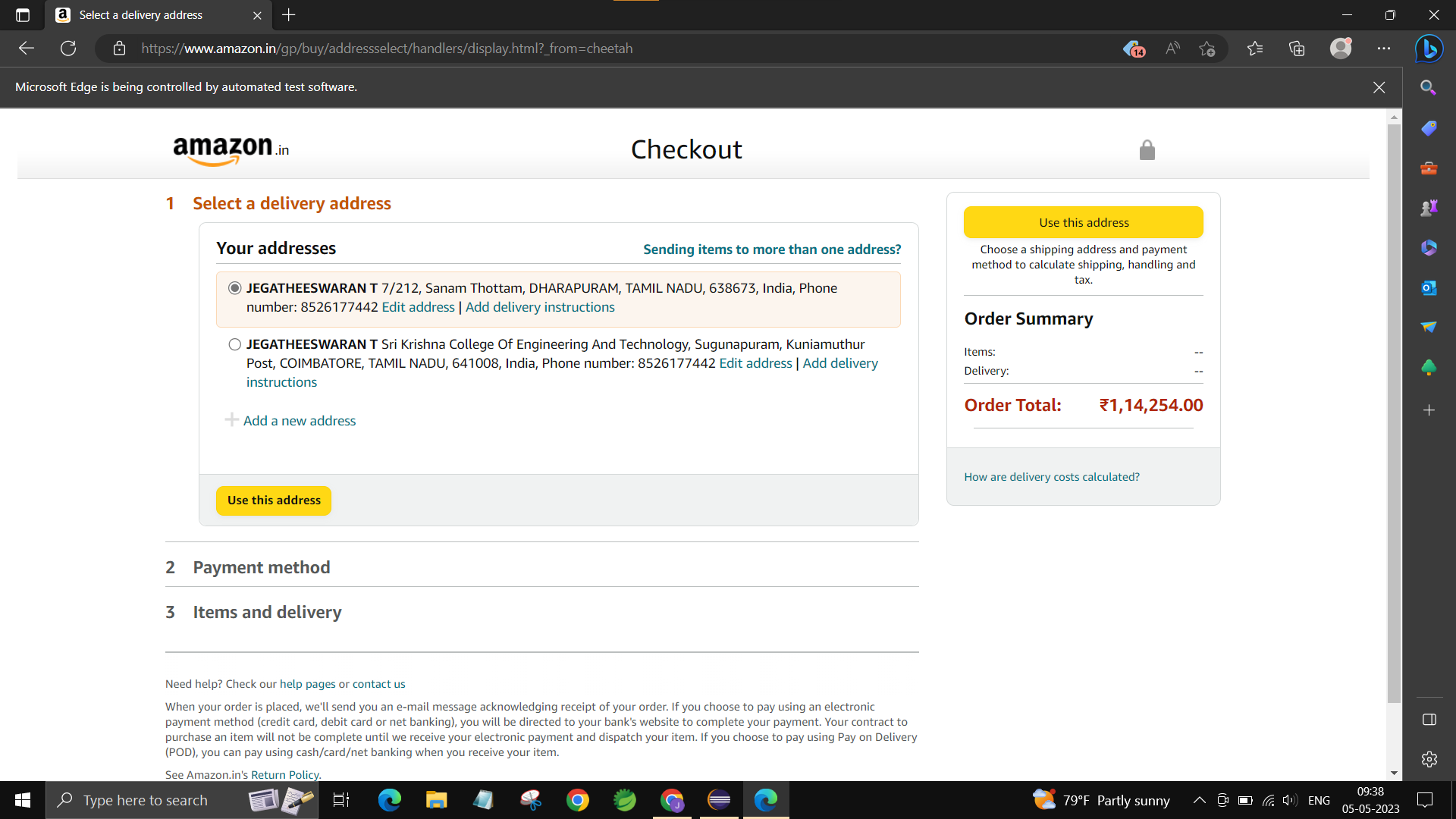
// }

}}

}

**}OUTPUT:**

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**2)**

package ca1;

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.edge.EdgeDriver;

import org.openqa.selenium.edge.EdgeOptions;

import org.testng.annotations.Test;

import io.github.bonigarcia.wdm.WebDriverManager;

public class ce\_2 {

@Test

public void test1() {

EdgeOptions co = new EdgeOptions();

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

WebDriverManager.edgedriver().setup();

WebDriver driver = new EdgeDriver(co);

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

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

String currentTitle=driver.getTitle();

System.out.println(currentTitle);

String expectedTitle="Online Shopping site in India: Shop Online for Mobiles, Books, Watches, Shoes and More - Amazon.in";

if(currentTitle.equals(expectedTitle)) {

System.out.println("Title Matched");

}

else {

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

}

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

txtBoxl.sendKeys("macbook");

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

String txt1=driver.findElement(By.xpath("//\*[@id=\"search\"]/div[1]/div[1]/div/span[1]/div[1]/div[3]/div/div/div/div/div/div/div/div[2]/div/div/div[1]/h2/a/span")).getText();

System.out.println(txt1);

String txt2=driver.findElement(By.xpath("//\*[@id=\"search\"]/div[1]/div[1]/div/span[1]/div[1]/div[4]/div/div/div/div/div/div/div/div[2]/div/div/div[1]/h2/a/span")).getText();

System.out.println(txt2);

String txt3=driver.findElement(By.xpath("//\*[@id=\"search\"]/div[1]/div[1]/div/span[1]/div[1]/div[5]/div/div/div/div/div/div[2]/div/div/div[1]/h2/a/span")).getText();

System.out.println(txt3);

String txt4=driver.findElement(By.xpath("//\*[@id=\"search\"]/div[1]/div[1]/div/span[1]/div[1]/div[6]/div/div/div/div/div/div[2]/div/div/div[1]/h2/a/span")).getText();

System.out.println(txt4);

String txt5=driver.findElement(By.xpath("//\*[@id=\"search\"]/div[1]/div[1]/div/span[1]/div[1]/div[7]/div/div/div/div/div/div[2]/div/div/div[1]/h2/a/span")).getText();

System.out.println(txt5);

//filter

// driver.findElement(By.xpath("//\*[@id=\"p\_36/7252032031\"]/span/a/span")).click();

// driver.findElement(By.xpath("//\*[@id=\"p\_n\_pattern\_browse-bin/1464446031\"]/span/a/span")).click();

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

filter.click();

WebElement filter1 = driver.findElement(By.xpath("//\*[@id=\"s-result-sort-select\_4\"]"));

filter1.click();

// String f1=driver.findElement(By.xpath("//\*[@id=\"search\"]/div[1]/div[1]/div/span[1]/div[1]/div[3]/div/div/div/div/div/div[2]/div/div/div[1]/h2/a/span")).getText();

// System.out.println(f1);

// String f2=driver.findElement(By.xpath("//\*[@id=\"search\"]/div[1]/div[1]/div/span[1]/div[1]/div[4]/div/div/div/div/div/div[2]/div/div/div[1]/h2/a/span")).getText();

// System.out.println(f2);

// String f3=driver.findElement(By.xpath("//\*[@id=\"search\"]/div[1]/div[1]/div/span[1]/div[1]/div[5]/div/div/div/div/div/div[2]/div/div/div[1]/h2/a/span")).getText();

// System.out.println(f3);

// String f4=driver.findElement(By.xpath("//\*[@id=\"search\"]/div[1]/div[1]/div/span[1]/div[1]/div[6]/div/div/div/div/div/div[2]/div/div/div[1]/h2/a/span")).getText();

// System.out.println(f4);

// String f5=driver.findElement(By.xpath("//\*[@id=\"search\"]/div[1]/div[1]/div/span[1]/div[1]/div[7]/div/div/div/div/div/div[2]/div/div/div[1]/h2/a/span")).getText();

// System.out.println(f5);

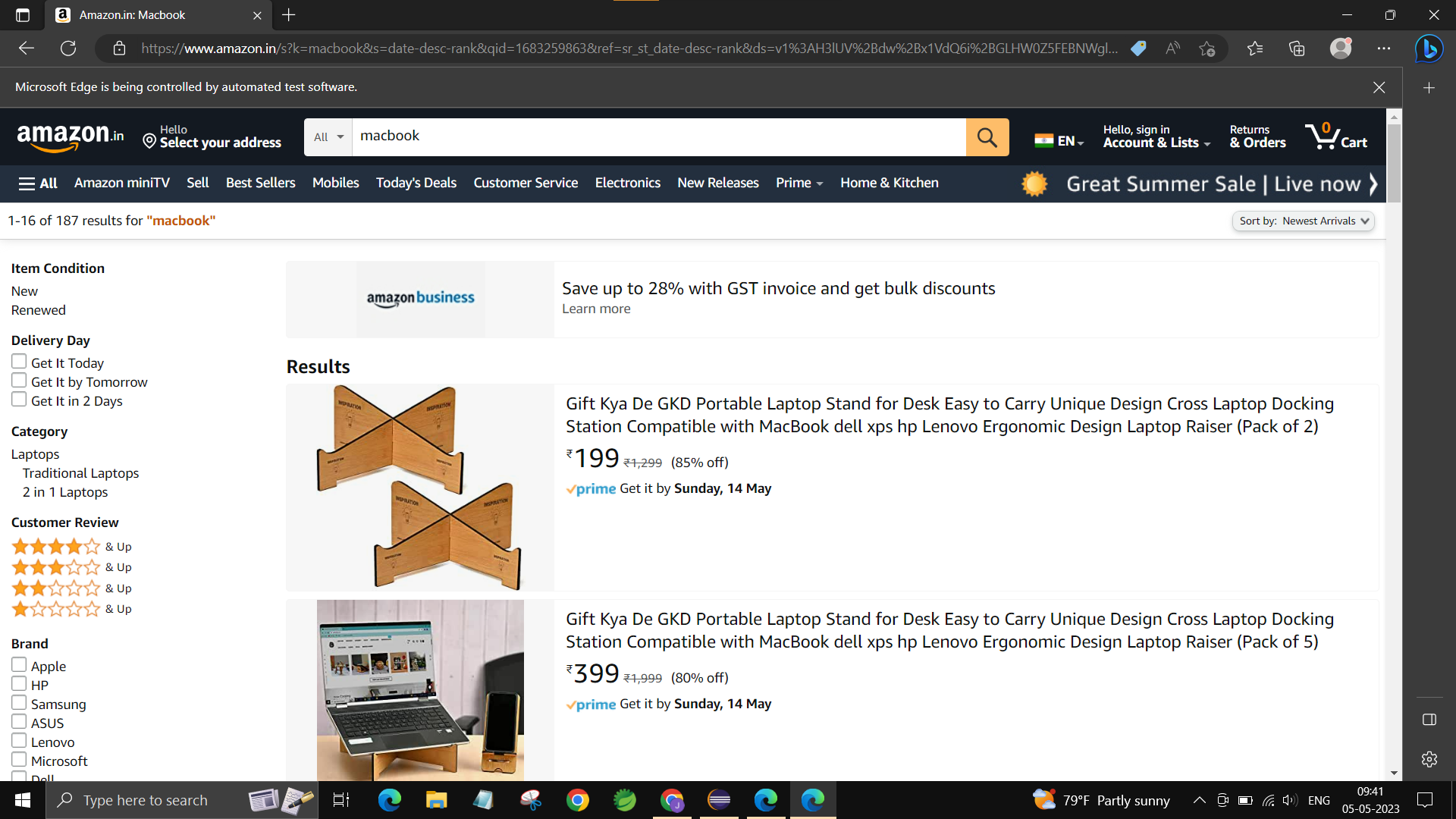
//

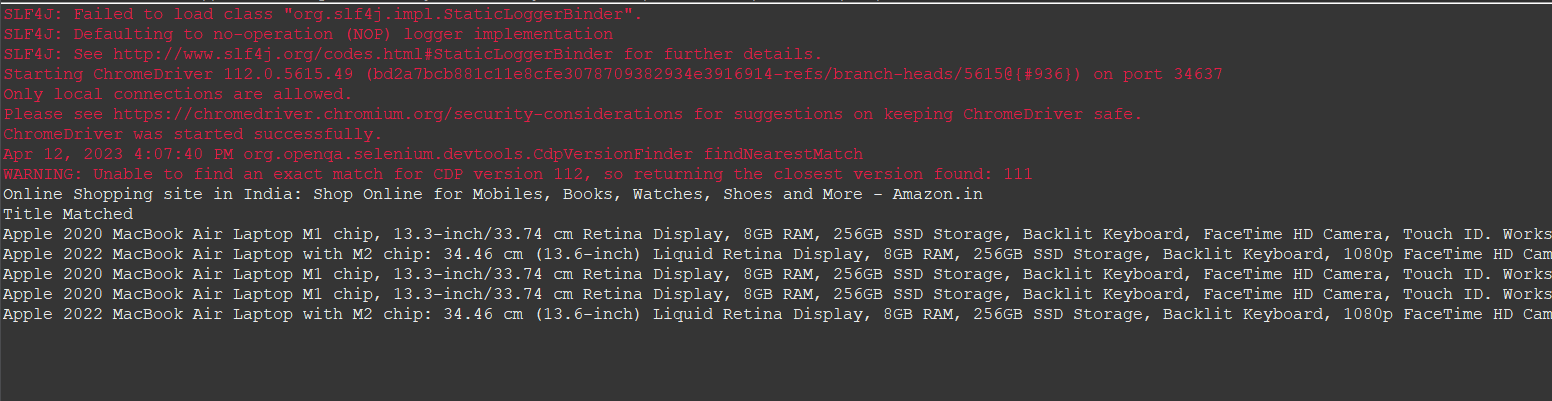
}

}

}

**OUTPUT:**

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**3)**

package com.test.CA1;

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 Ce\_3 {

public static void main(String[] args) {

ChromeOptions co=new ChromeOptions();

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

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

WebDriver driver=new ChromeDriver(co);

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

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

String currentTitle=driver.getTitle();

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

String expectedTitle="Online Shopping site in India: Shop Online for Mobiles, Books, Watches, Shoes and More - Amazon.in";

if(currentTitle.equals(expectedTitle)) {

System.***out***.println("Title Matched");

}

else {

System.***out***.println("Title not Matched");

}

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

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

txtBoxl.sendKeys("9677904185");

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

WebElement txtBox2=driver.findElement(By.*xpath*("//\*[@id=\"ap\_password\"]"));

txtBox2.sendKeys("shankar@3002");

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

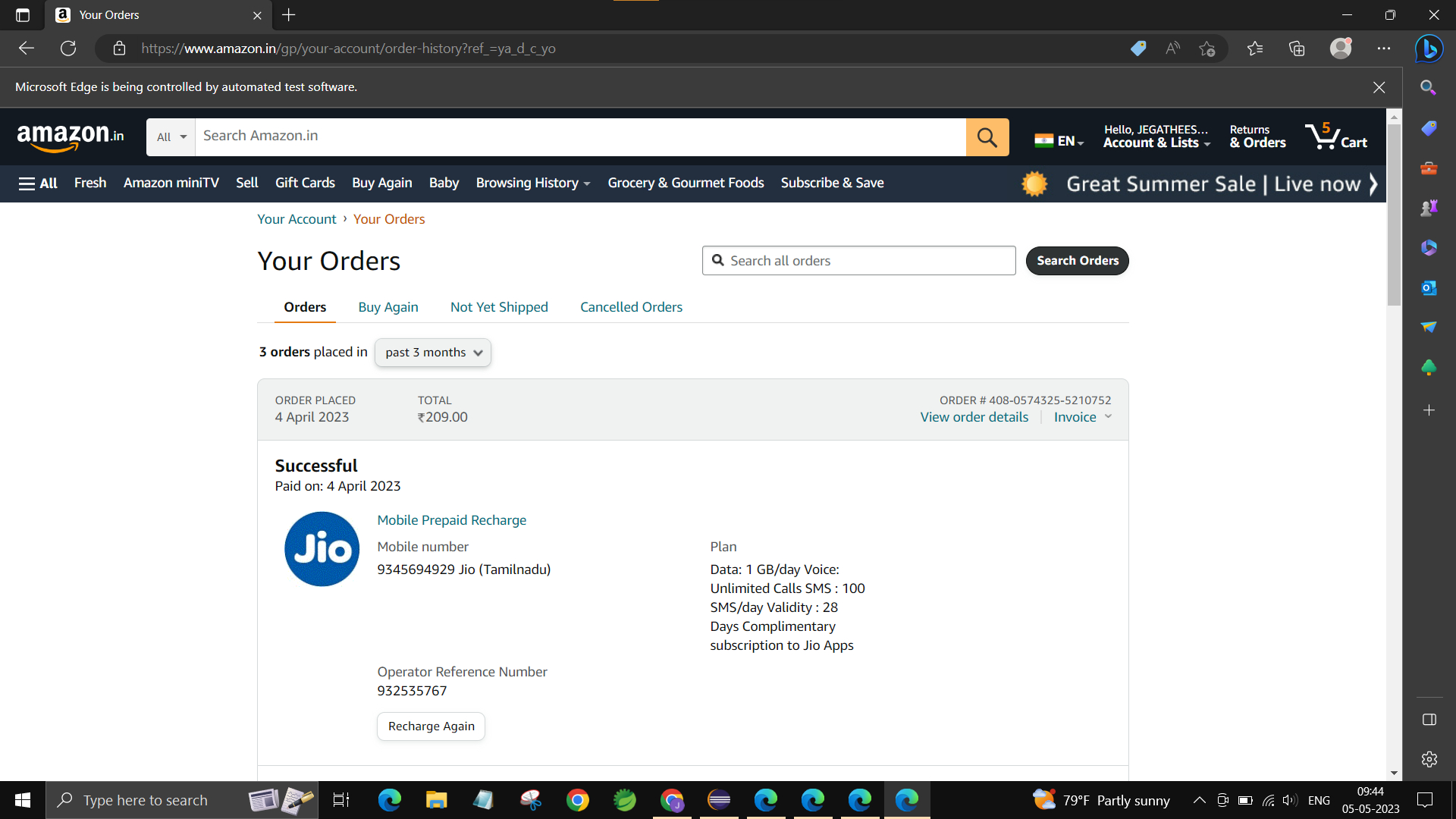
driver.findElement(By.*xpath*("//\*[@id=\"nav-link-accountList\"]")).click();

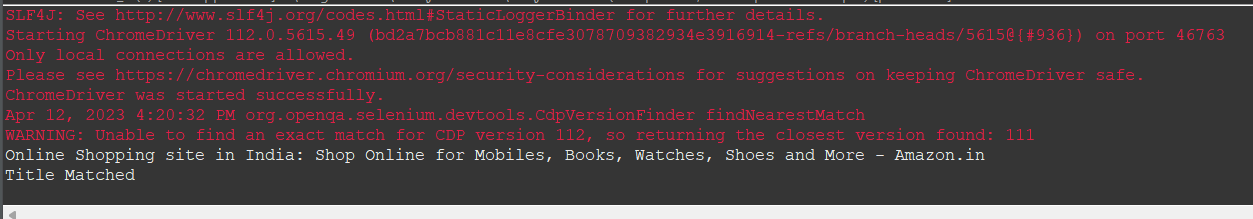
driver.findElement(By.*xpath*("//\*[@id=\"a-page\"]/div[2]/div/div[2]/div[1]/a/div/div")).click();

driver.findElement(By.*xpath*("//\*[@id=\"a-autoid-2-announce\"]")).click();

driver.findElement(By.*xpath*("//\*[@id=\"ordersInPackage-container\"]/div/div/a[1]")).click();

**OUTPUT:**

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