

SKCET - CA 1 Project

Question No:1

Code:

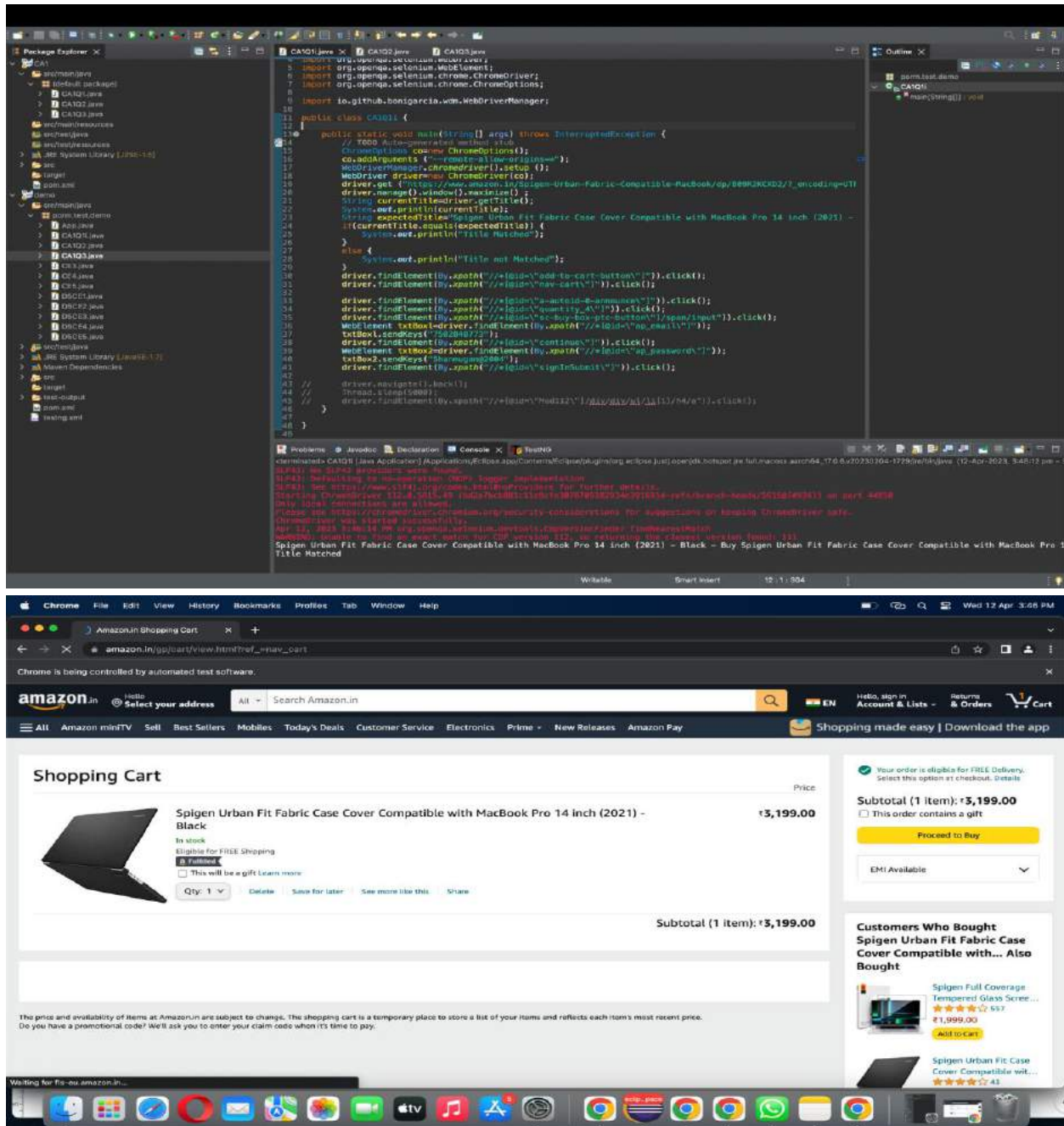
```
package porm.test.demo;
import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.chrome.ChromeDriver;
import org.openqa.selenium.chrome.ChromeOptions;
import io.github.bonigarcia.wdm.WebDriverManager;
public class CA1Q1i {
    public static void main(String[] args) throws InterruptedException {
        // TODO Auto-generated method stub
        ChromeOptions co=new ChromeOptions();
        co.addArguments("--remote-allow-origins=*");
        WebDriverManager.chromedriver().setup();
        WebDriver driver=new ChromeDriver(co);
        driver.get("https://www.amazon.in/Spigen-Urban-Fabric-Compatible-
MacBook/dp/B09R2KCXD2/?_encoding=UTF8&pd_rd_w=hN3t9&content-id=amzn1.sym.e0e8ce89-ede3-4c51-
b6ad-44989efc8536&pf_rd_p=e0e8ce89-ede3-4c51-b6ad-
44989efc8536&pf_rd_r=10MH3SN3ES208H0RRNSQ&pd_rd_wg=wPWJi&pd_rd_r=13f23fa2-e355-40ad-a989-
abace7275caf&ref_=pd_gw_ci_mcx_mr_hp_d");
        driver.manage().window().maximize();
        String currentTitle=driver.getTitle();
        System.out.println(currentTitle);
        String expectedTitle="Spigen Urban Fit Fabric Case Cover Compatible with MacBook Pro 14 inch
(2021) - Black - Buy Spigen Urban Fit Fabric Case Cover Compatible with MacBook Pro 14 inch (2021) - Black Online
at Low Price in India - Amazon.in";
        if(currentTitle.equals(expectedTitle)) {
            System.out.println("Title Matched");
        }
        else {
            System.out.println("Title not Matched");
        }
        driver.findElement(By.xpath("//*[@id=\"add-to-cart-button\"]")).click();
        driver.findElement(By.xpath("//*[@id=\"nav-cart\"]")).click();

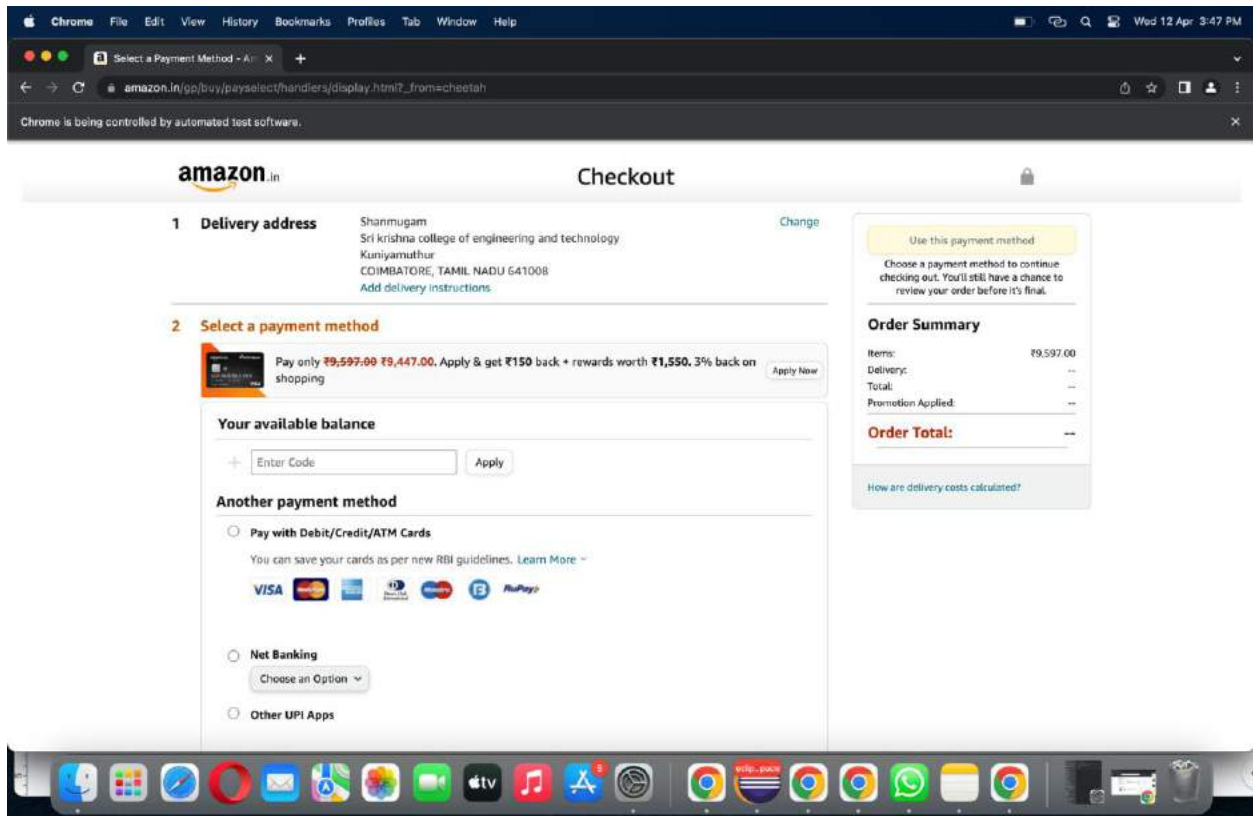
        driver.findElement(By.xpath("//*[@id=\"a-autoid-0-announce\"]")).click();
        driver.findElement(By.xpath("//*[@id=\"quantity_4\"]")).click();
        driver.findElement(By.xpath("//*[@id=\"sc-buy-box-ptc-button\"]/span/input")).click();
        WebElement txtBoxl=driver.findElement(By.xpath("//*[@id=\"ap_email\"]"));
        txtBoxl.sendKeys("7502840773");
        driver.findElement(By.xpath("//*[@id=\"continue\"]")).click();
    }
}
```

```
WebElement txtBox2=driver.findElement(By.xpath("//*[@id=\"ap_password\"]));  
txtBox2.sendKeys("Shanmugam@2004");  
driver.findElement(By.xpath("//*[@id=\"signInSubmit\"])).click();
```

```
}  
}
```

ScreenShots:





Question No:2

Code:

```
package porm.test.demo;
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 CA1Q2 {
    public static void main(String[] args) {
        // TODO Auto-generated method stub
        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");
        }
        WebElement txtBoxl=driver.findElement(By.xpath("//*[@id=\"twotabsearchtextbox\"]"));
        txtBoxl.sendKeys("macbook");
        driver.findElement(By.xpath("//*[@id=\"nav-search-submit-button\"]")).click();

        //displaying 5 pro
        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/div/div[2]/div/div/div[1]/h2/a/span")).getText();
```

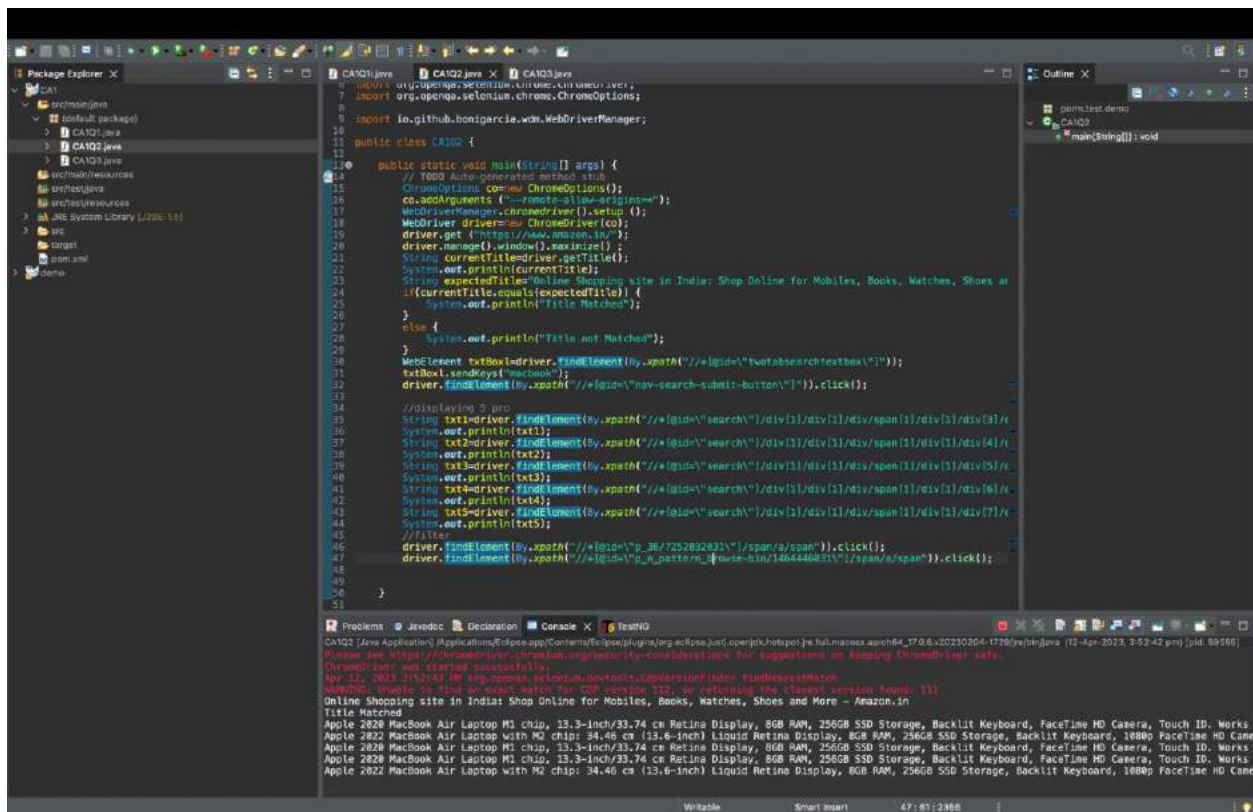
```

        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();

    }
}

```

ScreenShots:



Before Filter

This screenshot shows the Amazon India homepage with a search for 'macbook'. The search bar at the top contains 'macbook'. Below the search bar, the results show 1-16 of 522 results. The first two results are Apple 2020 MacBook Air Laptop and Apple 2022 MacBook Air Laptop. The 2020 model is priced at ₹84,490 (15% off) and the 2022 model is priced at ₹1,13,490 (5% off). The left sidebar contains filters for Item Condition, Delivery Day, Category, Customer Review, and Brand. The bottom of the screen shows a dock with various application icons.

Item Condition
New
Renewed

Delivery Day
☐ Get it by Tomorrow
☐ Get it in 2 Days

Category
Laptops
Traditional Laptops
2 in 1 Laptops

Customer Review
★★★★★ & Up
★★★★☆ & Up
★★★☆☆ & Up
★★☆☆☆ & Up

Brand
☐ Apple
☐ ASUS
☐ HP
☐ Microsoft
☐ Lenovo
☐ MSI
☐ Dell
[See more](#)

Results

Save up to 28% with GST invoice and get bulk discounts
[Learn more](#)

Sponsored @

Apple 2020 MacBook Air Laptop M1 chip, 13.3-inch/33.74 cm Retina Display, 8GB RAM, 256GB SSD Storage, Backlit Keyboard, FaceTime HD Camera, Touch ID. Works with iPhone/iPad; Silver
4.7 ★★★★★ - (4,351)
₹84,490 ~~₹99,000~~ (15% off)
Flat INR 5000 Off on HDFC BankCards
✓prime Get it by Tomorrow, 13 April
FREE Delivery by Amazon

Sponsored @

Apple 2022 MacBook Air Laptop with M2 chip: 34.46 cm (13.6-inch) Liquid Retina Display, 8GB RAM, 256GB SSD Storage, Backlit Keyboard, 1080p FaceTime HD Camera. Works with iPhone/iPad; Silver
4.8 ★★★★★ - (18)
₹1,13,490 ~~₹1,19,000~~ (5% off)
Flat INR 5000 Off on HDFC BankCards

After Filter

This screenshot shows the Amazon India search results for 'macbook' after applying filters. The search bar at the top contains 'macbook'. Below the search bar, the results show 1-24 of 220 results. The first two results are Apple 2022 MacBook Air Laptop with M2 chip. The first model is priced at ₹1,49,900 (6% off) and the second model is priced at ₹1,49,900 (1% off). The left sidebar contains filters for Item Condition, Delivery Day, Category, Customer Reviews, and Brands. The bottom of the screen shows a dock with various application icons.

Item Condition
New

Delivery Day
☐ Get it by Tomorrow
☐ Get it in 2 Days

Category
Any Department
Computers & Accessories
Laptops
2 in 1 Laptops
Traditional Laptops

Customer Reviews
★★★★★ & Up
★★★★☆ & Up
★★★☆☆ & Up
★★☆☆☆ & Up

Brands
☐ Xiaomi
☐ ASUS
☐ HP
☐ Samsung
☐ Microsoft

Results

Looking for Laptops? Shop from a wide selection of laptops from HP, Dell, Lenovo & Apple.
[Shop now](#)

Apple 2022 MacBook Air Laptop with M2 chip: 34.46 cm (13.6-inch) Liquid Retina Display, 8GB RAM, 512GB SSD Storage, Backlit Keyboard, 1080p FaceTime HD Camera. Works with iPhone/iPad; Starlight
3.0 ★★★★★ - (6)
₹1,49,900
Save ₹3,600.00 on SanDisk 2TB Extreme
✓prime Get it by Friday, 14 April
FREE Delivery by Amazon

Apple 2022 MacBook Air Laptop with M2 chip: 34.46 cm (13.6-inch) Liquid Retina Display, 8GB RAM, 512GB SSD Storage, Backlit Keyboard, 1080p FaceTime HD Camera. Works with iPhone/iPad; Silver
5.0 ★★★★★ - (1)
₹1,49,900
Flat INR 5000 Off on HDFC BankCards
✓prime Get it by Friday, 14 April

Question No:3

Code:

```
package porm.test.demo;
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 CA1Q3 {
    public static void main(String[] args) {
        // TODO Auto-generated method stub
        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");
        }

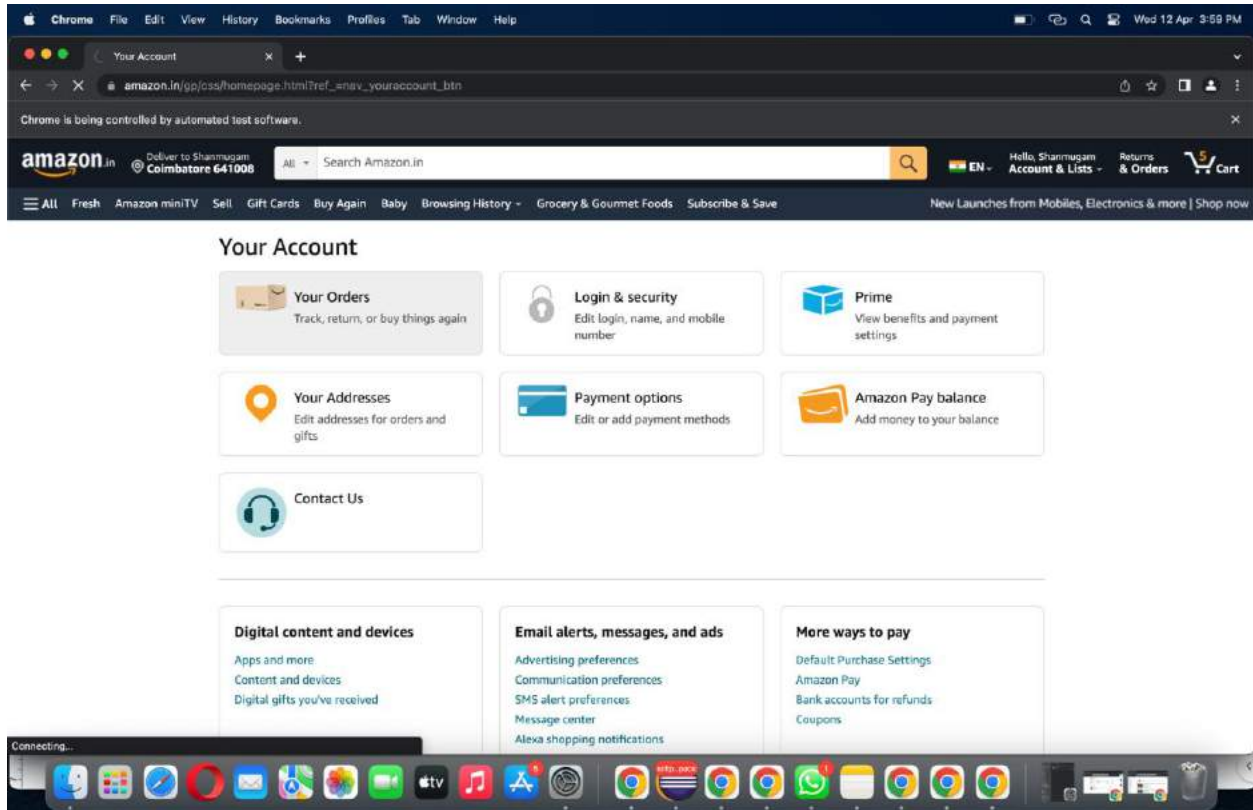
        driver.findElement(By.xpath("//*[@id=\"nav-link-accountList\"]")).click();
        WebElement txtBox1=driver.findElement(By.xpath("//*[@id=\"ap_email\"]"));
        txtBox1.sendKeys("7502840773");
        driver.findElement(By.xpath("//*[@id=\"continue\"]")).click();
        WebElement txtBox2=driver.findElement(By.xpath("//*[@id=\"ap_password\"]"));
        txtBox2.sendKeys("Shanmugam@2004");
        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();
    }
}
```

}

}

ScreenShots:



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SHANMUGAM S

Chrome File Edit View History Bookmarks Profiles Tab Window Help

amazon.in

EN Hello, Shanmugam Account & Lists Returns & Orders Cart

All Fresh Amazon miniTV Sell Gift Cards Buy Again Baby Browsing History Grocery & Gourmet Foods Subscribe & Save New Launches from Mobiles, Electronics & more | Shop now

Your Account > Your Orders

Your Orders


Search all orders Search Orders

Orders Buy Again Not Yet Shipped Cancelled Orders

3 orders placed in past 3 months

ORDER PLACED 7 April 2023 TOTAL ₹999.00 SHIP TO Shanmugam ORDER # 404-1103923-2289941 View order details Invoice

Delivered yesterday
Package was handed to resident

 Crysendo Headphone Cushion for Son-y WH-XB910, XB910N Headphone | Replacement Ear Cushion Foam Cover Ear Pads Soft Cushion | Protein Leather & Memory Foam (Black)
Return eligible through 18-Apr-2023

View your item

Track package

Return or replace items

Share gift receipt

Leave seller feedback

Leave delivery feedback

Write a product review

Archive order

ORDER PLACED 5 April 2023 TOTAL ₹377.00 SHIP TO Dhivya M ORDER # 402-0117996-3942725 View order details Invoice

Waiting for unagi.amazon.in...

Chrome File Edit View History Bookmarks Profiles Tab Window Help

amazon.in

EN Hello, Shanmugam Account & Lists Returns & Orders Cart

All Fresh Amazon miniTV Sell Gift Cards Buy Again Baby Browsing History Grocery & Gourmet Foods Subscribe & Save New Launches from Mobiles, Electronics & more | Shop now

Your Account > Your Orders > Order Details

Order Details


Ordered on 7 April 2023 Order# 404-1103923-2289941 Invoice

Shipping Address
Shanmugam
Sri krishna college of engineering and technology
Kunlyamathur
COIMBATORE, TAMIL NADU 641008
India

Payment Method
Pay on Delivery (Cash/Card). Cash on delivery (COD) available. Card/Net banking acceptance subject to device availability.

Order Summary
Item(s) Subtotal: ₹999.00
Shipping: ₹40.00
Total: ₹1,039.00
Promotion Applied: -₹40.00
Grand Total: ₹999.00

Delivered yesterday
Package was handed to resident

 Crysendo Headphone Cushion for Son-y WH-XB910, XB910N Headphone | Replacement Ear Cushion Foam Cover Ear Pads Soft Cushion | Protein Leather & Memory Foam (Black)
Sold by: Crysendo
Return eligible through 18-Apr-2023
₹999.00
New

Track package

Return or replace items

Share gift receipt

Leave seller feedback

Leave delivery feedback


Write a product review


Archive order


Subtotal ₹8,238.00

Part of your order qualifies for FREE Delivery. Select this option at checkout. Details

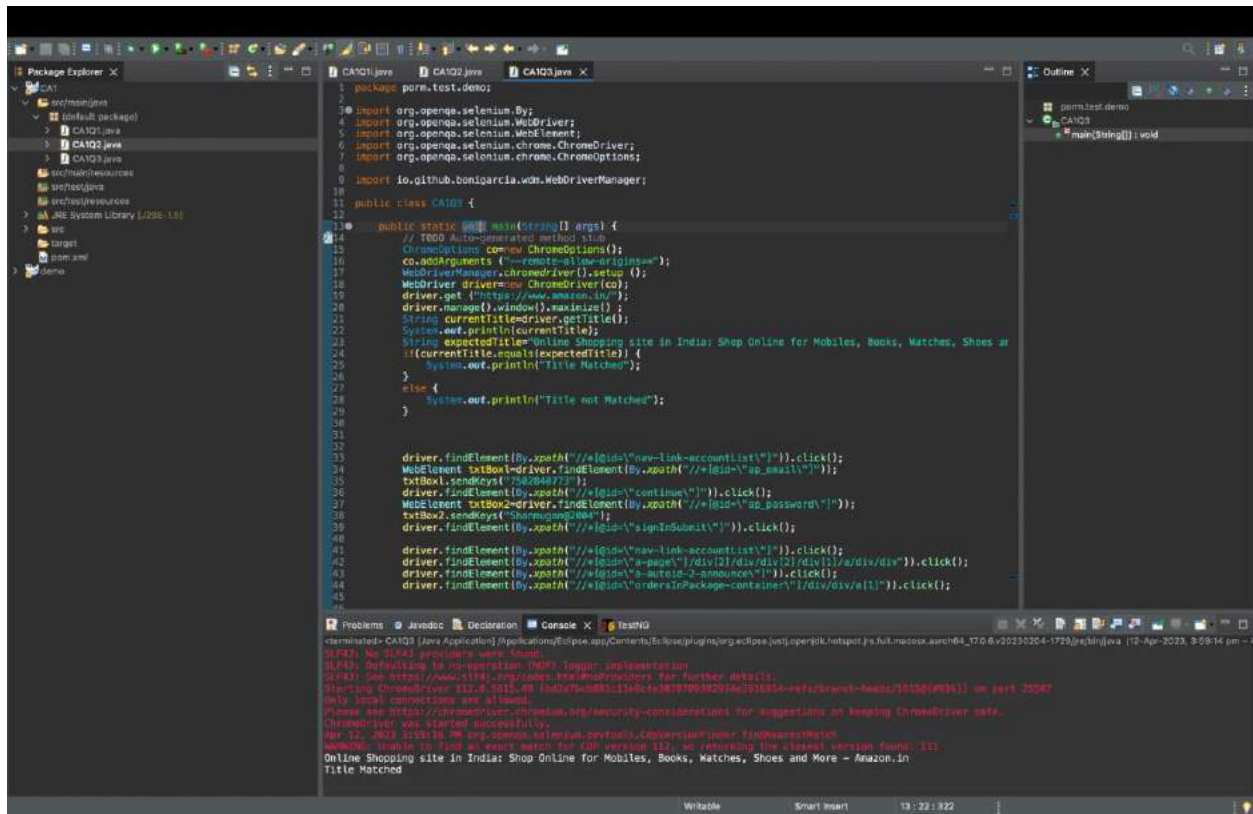
Go to Cart

 ₹3,199.00

 ₹999.00

 ₹2,999.00

Waiting for fls-eu.amazon.in...



```
1 package poms.test.demo;
2
3 import org.openqa.selenium.*;
4 import org.openqa.selenium.WebDriver;
5 import org.openqa.selenium.WebElement;
6 import org.openqa.selenium.chrome.ChromeDriver;
7 import org.openqa.selenium.chrome.ChromeOptions;
8
9 import io.github.bonigarcia.wds.WebDriverManager;
10
11 public class CA1Q3 {
12
13     public static void main(String[] args) {
14         // TODO Auto-generated method stub
15         ChromeOptions co=new ChromeOptions();
16         co.addArguments("--remote-allow-origins=*");
17         WebDriverManager.chromedriver().setup();
18         WebDriver driver=new ChromeDriver(co);
19         driver.get("https://www.amazon.in/");
20         driver.manage().window().maximize();
21         String currentTitle=driver.getTitle();
22         System.out.println(currentTitle);
23         String expectedTitle="Online Shopping site in India: Shop Online for Mobiles, Books, Watches, Shoes and More - Amazon.in";
24         if(currentTitle.equals(expectedTitle)) {
25             System.out.println("Title Matched");
26         }
27         else {
28             System.out.println("Title not Matched");
29         }
30
31         driver.findElement(By.xpath("//a[@id='nav-link-account-list']")).click();
32         WebElement txtBox1=driver.findElement(By.xpath("//a[@id='ap_email']"));
33         txtBox1.sendKeys("754264677");
34         driver.findElement(By.xpath("//a[@id='continue']")).click();
35         WebElement txtBox2=driver.findElement(By.xpath("//a[@id='ap_password']"));
36         txtBox2.sendKeys("Shanmugam2004");
37         driver.findElement(By.xpath("//a[@id='signInSubmit']")).click();
38
39         driver.findElement(By.xpath("//a[@id='new-link-account-list']")).click();
40         driver.findElement(By.xpath("//a[@id='a-page']/div[2]/div/div[2]/div[1]/a/div/div")).click();
41         driver.findElement(By.xpath("//a[@id='a-autoid-2-announce']")).click();
42         driver.findElement(By.xpath("//a[@id='ordersInPackage-container']/div/div/a[1]")).click();
43     }
44 }
45
```

terminated- CA1Q3 [Java Application] [Applications\Eclipse\workspace\plugins\org.eclipse.jetty.openjdk.hotspot.jre.full.macosx.aarch64_17.0.6.v20230204-1723\jetty.jar] (12-Apr-2023, 9:59:14 pm) - 4

SEVERE: No SLF4J providers were found.
SLF4J: defaulting to no-operation (NOP) logger implementation
SLF4J: See <https://www.slf4j.org/docs/1.7.36/html/faq.html#faq00001> for further details.
Starting ChromeDriver 112.0.5615.46 (50f2756d865c6b38f77088294a7016514-refs/branch-heads/50156@#000) on port 22007
Only local connections are allowed.
Please see <https://chromedriver.chromium.org/security-considerations> for suggestions on keeping ChromeDriver safe.
ChromeDriver was started successfully.
Mar 12, 2023 11:59:18 AM org.openqa.selenium.remote.RemoteWebDriver\$ChromeDriver findWebElement
WARNING: Unable to find WebElement for selector [1], so returning the closest element found: [1].
Online Shopping site in India: Shop Online for Mobiles, Books, Watches, Shoes and More - Amazon.in
Title Matched