

CIA 1 PROJECTS

727721EUIT181
VINOTH RAJ C

QUESTION 1:

1. CODE :

```
package demo.com;

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;

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(co);

        driver.get("https://www.amazon.in/ASUS-15-6-inch-GeForce-Windows-FA506IHRZ-HN111W/dp/B0B5DZTNZQ?ref_=Oct_DLandingS_D_6c1a28b8_61");

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

        String title = driver.getTitle();

        String etitle = "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(title);

        if(title.equals(etitle)) {
```

```
        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);

    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("Product is 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();

System.out.println(sign);

String esign = "Amazon Sign In";

if(sign.equals(esign)) {

    System.out.println("Success");

}

else {

    System.out.println("Failure");

}

}

}

}

```

OUTPUT:

```

<terminated> App (4) [Java Application] /snap/eclipse/66/plugins/org.eclipse.justj.openjdk.hotspot.jre.full.linux.x86_64_17.0.5.v20221102-0933/jre/bin/java
SLF4J: No SLF4J providers were found.
SLF4J: Defaulting to no-operation (NOP) logger implementation
SLF4J: See https://www.slf4j.org/codes.html#noProviders for further details.
Starting ChromeDriver 112.0.5615.49 (bd2a7bcb881c11e8cfe3078709382934e3916914-refs/branch-heads/5615@{#936}) on port 12026
Only local connections are allowed.
Please see https://chromedriver.chromium.org/security-considerations for suggestions on keeping ChromeDriver safe.
ChromeDriver was started successfully.
Apr 12, 2023 3:20:39 PM org.openqa.selenium.devtools.CdpVersionFinder findNearestMatch
WARNING: Unable to find an exact match for CDP version 112, so returning the closest version found: 111
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)
Title is matching
Is item added to cart:true
Product is removed
Amazon.in Shopping Cart
Failure

```

2.package demo.com;

```

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 App {

    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");

        }

        WebElement
txtBox1=driver.findElement(By.xpath("//*[@id=\"twotabsearchtextbox\"]"));

        txtBox1.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/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/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/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();

    }

}

```

OUTPUT:

Chrome is being controlled by automated test software.

< Any Department

< Computers & Accessories

Laptops

2 in 1 Laptops

Traditional Laptops

Customer Reviews

★★★★★ & Up

★★★★☆ & Up

★★★☆☆ & Up

★★☆☆☆ & Up

★☆☆☆☆ & Up

Brands

☐ Xiaomi

☐ ASUS

☐ HP

☐ Samsung

☐ Lenovo

☐ MSI

☐ Dell

Price Laptops

< Any Price

Over ₹50,000


₹50,001 ₹Max Go

Deals

☐ Today's Deals

Computers & Accessories Brands

☐ Top Brands



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**

FREE Delivery by Amazon

Sponsored



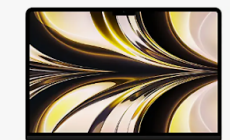
Apple 2022 MacBook Air Laptop with M2 chip: 34.46 cm (13.6-inch) Liquid Retina Display, 8GB RAM, 512GB SSD Storage, Backlit Keyboard, 1080p FaceTime HD Camera. Works with iPhone/iPad; Space.

4.9 ★★★★★ ~ (11)

₹1,49,900

Flat INR 5000 Off on HDFC BankCards

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; Starlig

3.0 ★★☆☆☆ ~ (6)

₹1,49,900

Save ₹3,600.00 on SanDisk 2TB Extreme P...

prime Get it by **Friday, 14 April**

FREE Delivery by Amazon

```

Console x
<terminated> App (4) [Java Application] /snap/eclipse/66/plugins/org.eclipse.justi.openjdk.hotspot.jre.full.linux.x86_64_17.0.5.v20221102-0933/jre/bin/java (12-Apr-2023, 3:30:17 pm ~ 3:31:53 pm)
SLF4J: No SLF4J providers were found.
SLF4J: Defaulting to no-operation (NOP) logger implementation
SLF4J: See https://www.slf4j.org/codes.html#noProviders for further details.
Starting ChromeDriver 112.0.5615.49 (bd2a7bcb881c11e8cfe3078709382934e3916914-refs/branch-heads/5615@{#936}) on port 13408
Only local connections are allowed.
Please see https://chromedriver.chromium.org/security-considerations for suggestions on keeping ChromeDriver safe.
ChromeDriver was started successfully.
Apr 12, 2023 3:38:24 PM org.openqa.selenium.devtools.CdpVersionFinder findNearestMatch
WARNING: Unable to find an exact match for CDP version 112, so returning the closest version found: 111
Online Shopping site in India: Shop Online for Mobiles, Books, Watches, Shoes and More - Amazon.in
Title Matched
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 i
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. Wo
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 i
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 i
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. Wo

```

3. `package demo.com;`

```

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 App {

```

```

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
txtBox1=driver.findElement(By.xpath("//*[@id=\"ap_email\"]"));

txtBox1.sendKeys("7094007055");

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

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

txtBox2.sendKeys("C0llin_H00v3r");

```

```

        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:

```

<terminated> App (4) [Java Application] /snap/eclipse/66/plugins/org.eclipse.justj.openjdk.hotspot.jre.full.linux.x86_64_17.0.5.v20221102-0933/jre/bin/java (12-Apr-2023, 4:17:36 pm - 4:19:32 pm)
SLF4J: No SLF4J providers were found.
SLF4J: Defaulting to no-operation (NOP) logger implementation
SLF4J: See https://www.slf4j.org/codes.html#noProviders for further details.
Starting ChromeDriver 112.0.5615.49 (bd2a7bcb881c1e8cfe3078709382934e3916914-refs/branch-heads/5615@{#936}) on port 1684
Only local connections are allowed.
Please see https://chromedriver.chromium.org/security-considerations for suggestions on keeping ChromeDriver safe.
ChromeDriver was started successfully.
Apr 12, 2023 4:17:42 PM org.opengqa.selenium.devtools.CdpVersionFinder findNearestMatch
WARNING: Unable to find an exact match for CDP version 112, so returning the closest version found: 111
Online Shopping site in India: Shop Online for Mobiles, Books, Watches, Shoes and More - Amazon.in
Title Matched
Exception in thread "main" org.openqa.selenium.NoSuchElementException: no such element: Unable to locate element: {"method":"xpath","selector":"//*[@id=\"nav-link-accountList\"]"}

```