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Question 1

```java
package com.test.CA1;

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 Ce_1
{
    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:

QUESTION -2

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_2 {

        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";

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                    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[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[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[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[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[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:

QUESTION -3

```java
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;
```

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

OUTPUT:

SLF4J: See http://www.slf4j.org/codes.html#StaticLoggerBinder for further details.
Starting ChromeDriver 112.0.5615.49 (bd2a7bcb881c11e8cfe3078709382934e3916914-refs/branch-heads/5615@{#936}) on port 46763
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 4:20:32 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