

QUESTION1:

```
package cia1;

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 question1 {

    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();

        //

        driver.get("https://www.amazon.in/Adidas-Synthetic-Predator-Accuracy-3-Football/dp/B0BPCY2YFW/ref=sr_1_15?keywords=adidas%2Bfootball%2Bboots%2Bpredator&qid=1683191354&s=shoes&prefix=addidas%2Bfootball%2Bboots%2B%2Cshoes%2C411&sr=1-15&th=1&psc=1");

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

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

        // driver.findElement(By.xpath("//*[@id=\"ap_email\"]")).sendKeys("7904161298");

        // driver.findElement(By.id("continue")).click();

        // driver.findElement(By.xpath("//*[@id=\"ap_password\"]")).sendKeys("Siripaapay");
```

```
// driver.findElement(By.id("signInSubmit")).click();

//

// Thread.sleep(10000);

//

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

// String title = driver.getTitle();

// String etitle="Buy Adidas Women Synthetic Predator Accuracy.3 FG Football Shoes
CBLACK/CBLACK/FTWWHT(UK-11) at Amazon.in";

// System.out.println(title);

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

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

// }

// else {

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

// }

ChromeOptions co = new ChromeOptions();

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

WebDriverManager.chromedriver().setup();

WebDriver driver=new ChromeDriver();

driver.get("https://www.amazon.in/s?i=electronics&bbn=1805560031&rh=n%3A9764190
31%2Cn%3A1389401031%2Cn%3A1389432031%2Cn%3A1805560031%2Cp_36%3A
1318505031%2Cp_n_condition-type%3A8609960031&ref_=tile1_below10k&pf_rd_r=J
G6ACRFRGVMF1REN5FGN&pf_rd_p=6e9c5ebb-d370-421b-8375-bf50155e0300&pd_
rd_r=e8601523-4a03-46c5-8db1-804b64da169b&pd_rd_w=CCN04&pd_rd_wg=TU7z0"
);

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

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

driver.findElement(By.xpath("//*[@id=\"ap_email\"]")).sendKeys("7904161298");

driver.findElement(By.id("continue")).click();

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

driver.findElement(By.id("signInSubmit")).click();

System.out.println("Account signed successfully");

Thread.sleep(3000);

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("Buy Adidas Women Synthetic Predator Accuracy.3 FG Football Shoes CBLACK/CBLACK/FTWWHT(UK-11) at Amazon.in");

if(title.equals(etitle)) {

    System.out.println("TITLE IS MATCHED");

}

else {

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

}

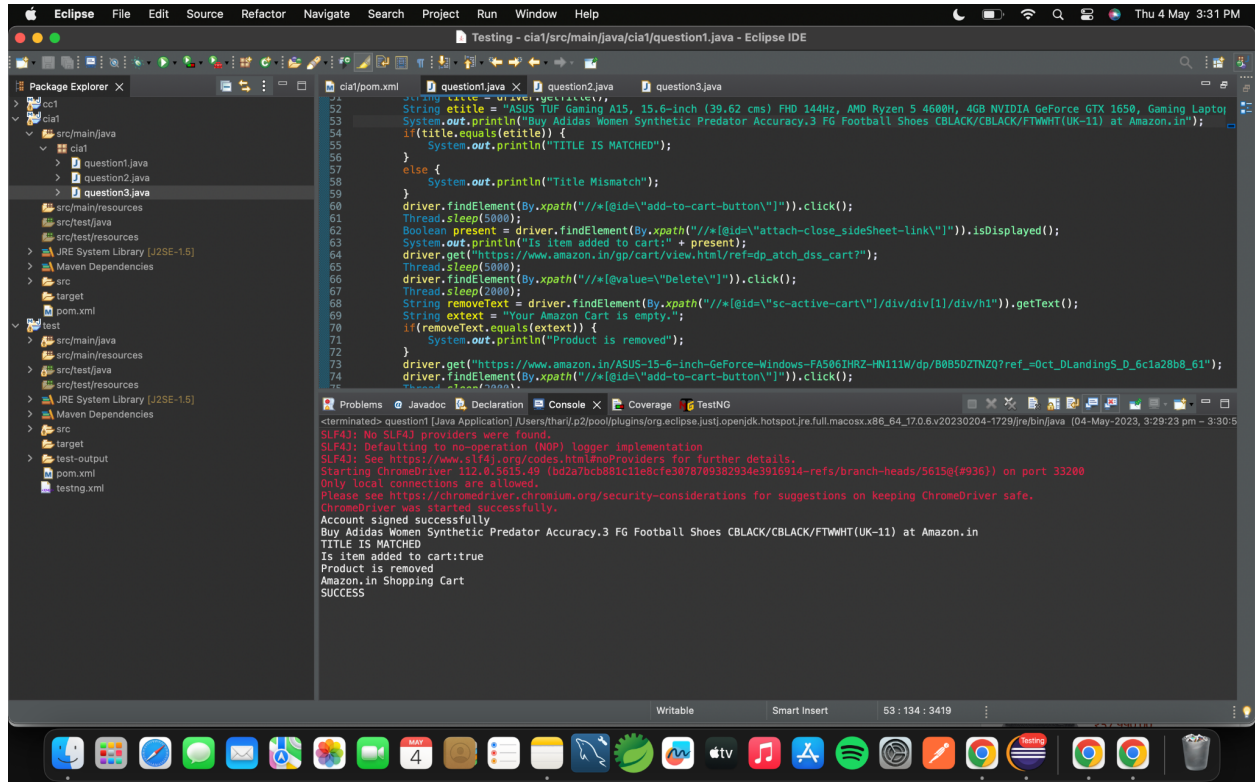
driver.findElement(By.xpath("//*[@id=\"add-to-cart-button\"]")).click();

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-HN1  
11W/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("SUCCESS");  
}  
}  
}
```

OUTPUT:



QUESTION2:

```
package cia1;

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 question2 {

    public static void main(String[] args) {
```

```
int productCount = 0;

WebDriverManager.chromedriver().setup();

ChromeOptions co = new ChromeOptions();

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

WebDriver driver=new ChromeDriver(co);

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

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

driver.findElement(By.id("twotabsearchtextbox")).sendKeys("airpods");

driver.findElement(By.id("twotabsearchtextbox")).sendKeys(Keys.ENTER);


List<WebElement> titleElements =
driver.findElements(By.xpath("//h2[@class='a-size-mini a-spacing-none a-color-base s-line-clamp-2']"));

for (WebElement titleElement : titleElements) {

System.out.println(titleElement.getText());

productCount++;

if(productCount == 5) {

    break;

}

}

System.out.println("=====
=====");

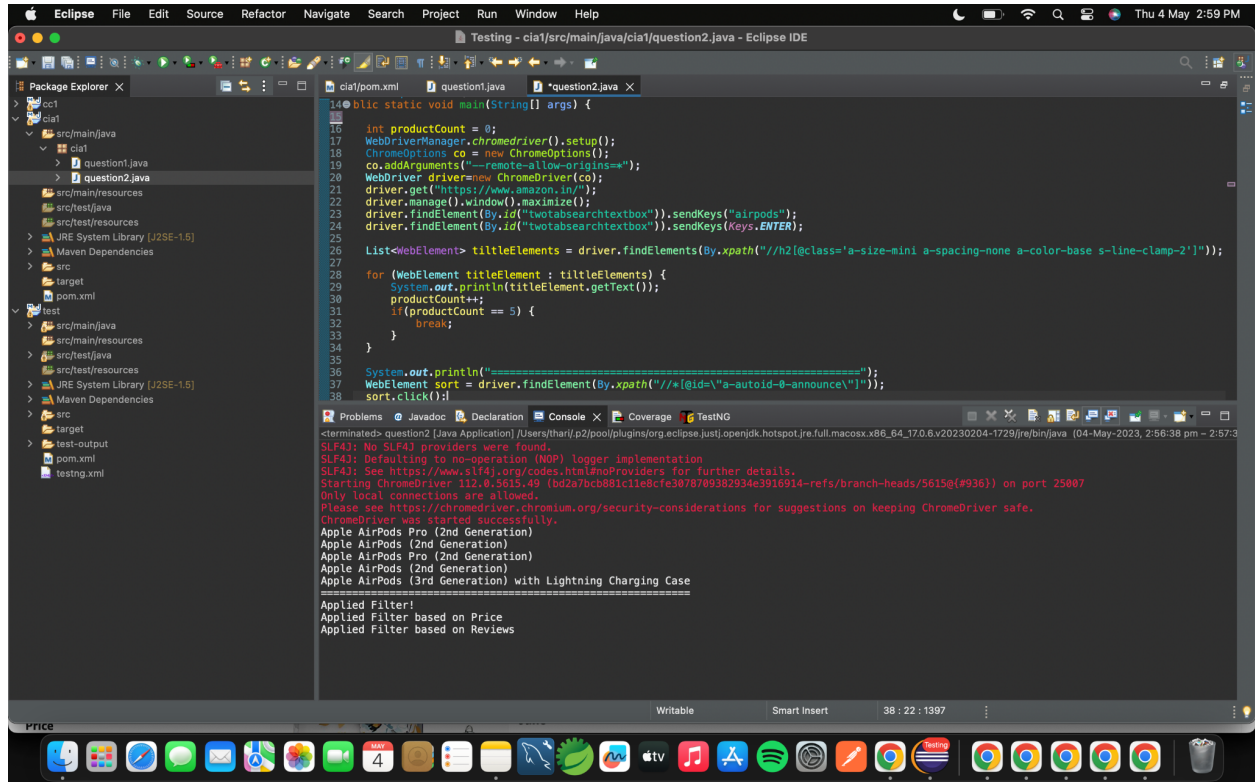
WebElement sort = driver.findElement(By.xpath("//*[@id='a-autoid-0-announce']"));

sort.click();
```

```
System.out.println("Applied Filter!");  
  
WebElement lhfilter = driver.findElement(By.xpath("//*[@id=\"s-result-sort-select_1\"]"));  
lhfilter.click();  
  
System.out.println("Applied Filter based on Price");  
  
sort.click();  
  
WebElement reviewfilter =  
driver.findElement(By.xpath("//*[@id=\"s-result-sort-select_3\"]"));  
reviewfilter.click();  
  
System.out.println("Applied Filter based on Reviews");  
  
    }  
}
```

OUTPUT:

NAME:THARIGASRI P R
ROLL NO: 727721EUCS169



QUESTION 3:

```
package cia1;

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 question3 {
```

```
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();  
  
}  
}
```

OUTPUT:

NAME:THARIGASRI P R
ROLL NO: 727721EUCS169

