**727721EUIT054**

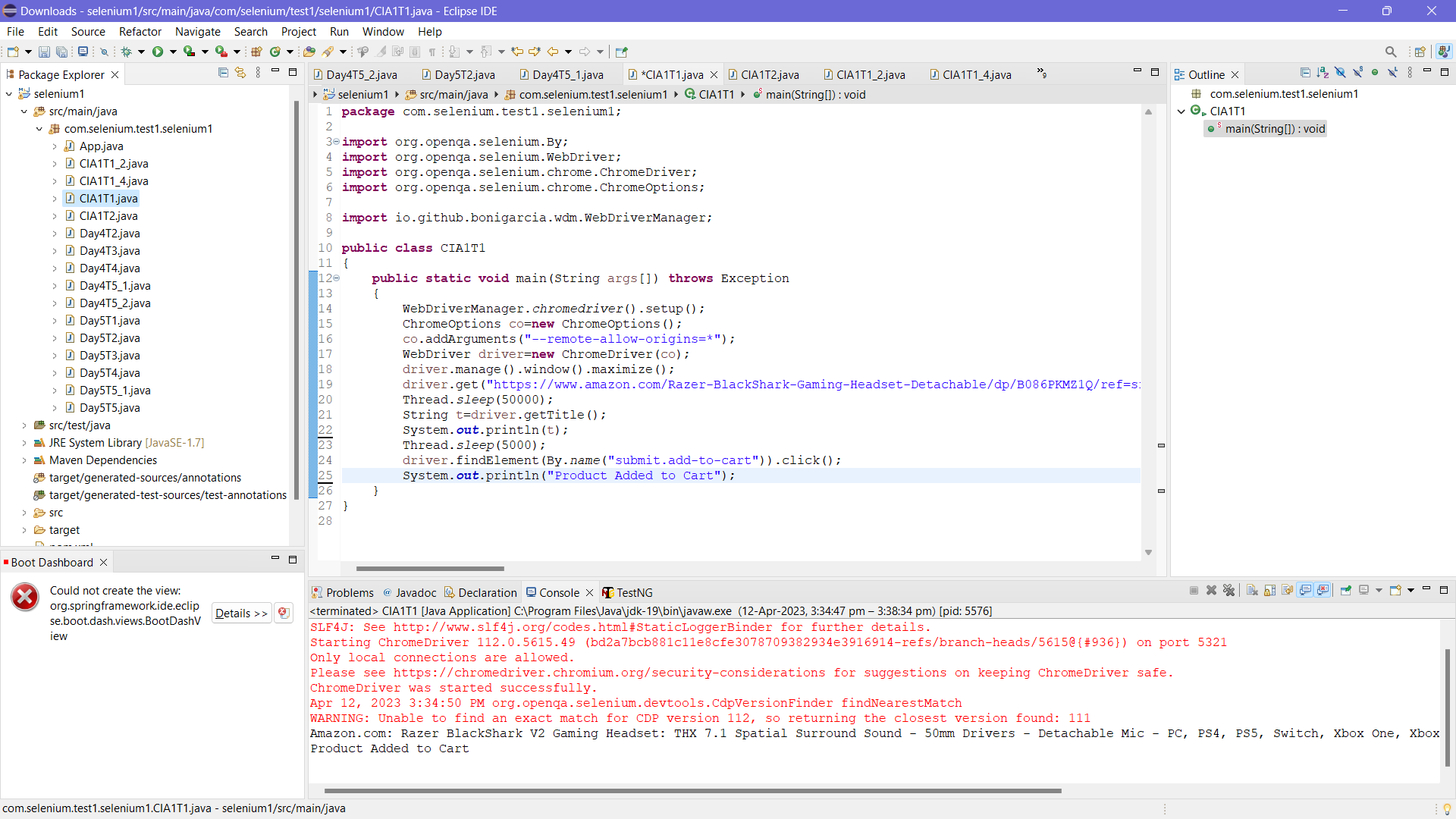
**HIROSINI P**

**II IT A**

**CIA - 1**

**TASK-1:**

1.



**package** com.selenium.test1.selenium1;

**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** CIA1T1

{

**public** **static** **void** main(String args[]) **throws** Exception

{

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

ChromeOptions co=**new** ChromeOptions();

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

WebDriver driver=**new** ChromeDriver(co);

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

driver.get("https://www.amazon.com/Razer-BlackShark-Gaming-Headset-Detachable/dp/B086PKMZ1Q/ref=sr\_1\_1\_sspa?keywords=gaming+headsets&pd\_rd\_r=92020bec-fadb-4947-b243-50fe7bd5e6aa&pd\_rd\_w=tMPci&pd\_rd\_wg=QSC3C&pf\_rd\_p=12129333-2117-4490-9c17-6d31baf0582a&pf\_rd\_r=RV5ZR45BCTZ98Q3DGV8A&qid=1681287887&sr=8-1-spons&psc=1&spLa=ZW5jcnlwdGVkUXVhbGlmaWVyPUE3Tk9YRllFRlMyUk8mZW5jcnlwdGVkSWQ9QTA0NDg4MzAyNUswTDJKRTk4NlJMJmVuY3J5cHRlZEFkSWQ9QTA5MzAzNTgzOTBDTFA0Wlg2VE5CJndpZGdldE5hbWU9c3BfYXRmJmFjdGlvbj1jbGlja1JlZGlyZWN0JmRvTm90TG9nQ2xpY2s9dHJ1ZQ==");

Thread.*sleep*(50000);

String t=driver.getTitle();

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

Thread.*sleep*(5000);

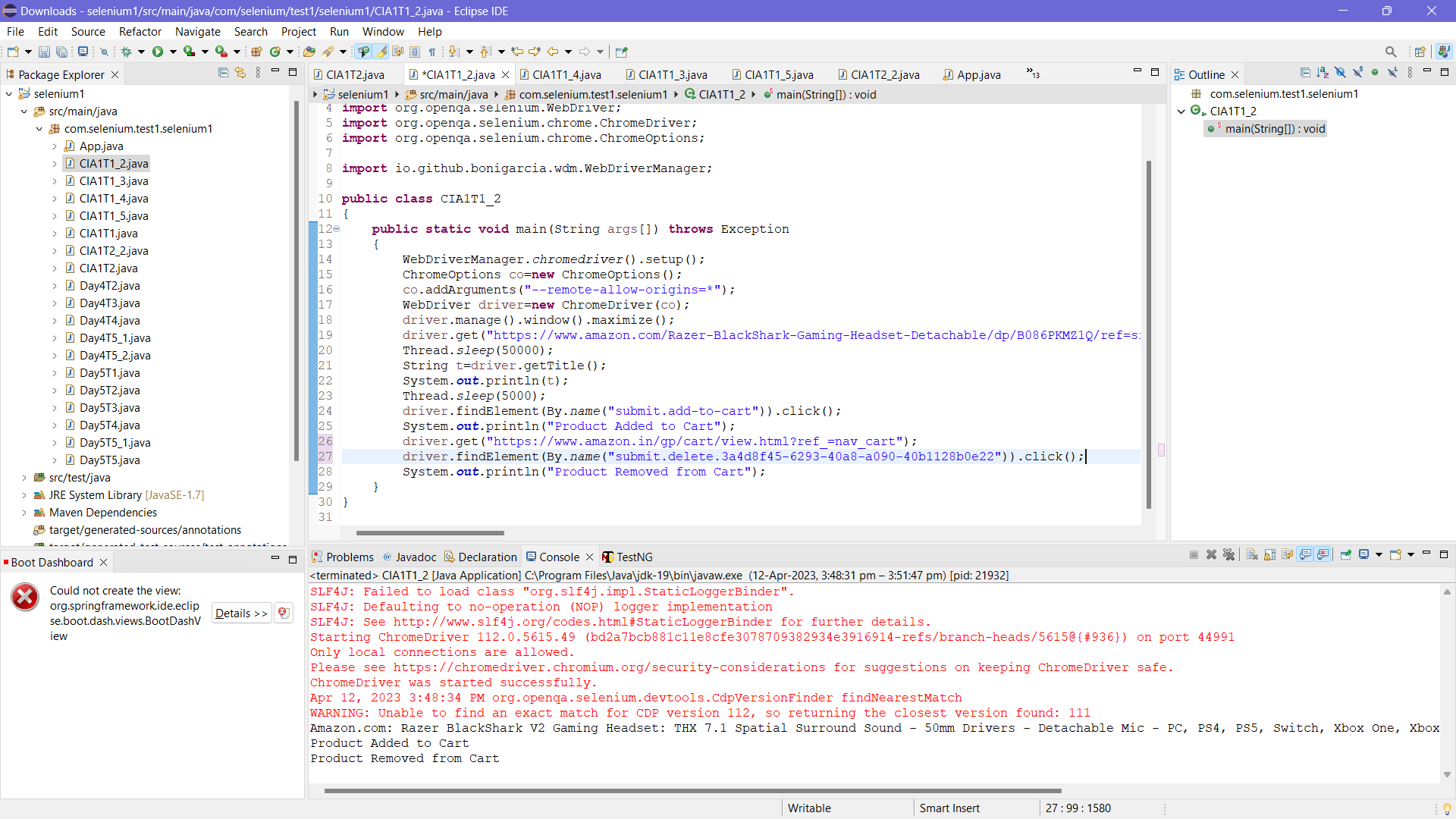
driver.findElement(By.*name*("submit.add-to-cart")).click();

System.***out***.println("Product Added to Cart");

}

}

2.



**package** com.selenium.test1.selenium1;

**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** CIA1T1\_2

{

**public** **static** **void** main(String args[]) **throws** Exception

{

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

ChromeOptions co=**new** ChromeOptions();

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

WebDriver driver=**new** ChromeDriver(co);

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

driver.get("https://www.amazon.com/Razer-BlackShark-Gaming-Headset-Detachable/dp/B086PKMZ1Q/ref=sr\_1\_1\_sspa?keywords=gaming+headsets&pd\_rd\_r=92020bec-fadb-4947-b243-50fe7bd5e6aa&pd\_rd\_w=tMPci&pd\_rd\_wg=QSC3C&pf\_rd\_p=12129333-2117-4490-9c17-6d31baf0582a&pf\_rd\_r=RV5ZR45BCTZ98Q3DGV8A&qid=1681287887&sr=8-1-spons&psc=1&spLa=ZW5jcnlwdGVkUXVhbGlmaWVyPUE3Tk9YRllFRlMyUk8mZW5jcnlwdGVkSWQ9QTA0NDg4MzAyNUswTDJKRTk4NlJMJmVuY3J5cHRlZEFkSWQ9QTA5MzAzNTgzOTBDTFA0Wlg2VE5CJndpZGdldE5hbWU9c3BfYXRmJmFjdGlvbj1jbGlja1JlZGlyZWN0JmRvTm90TG9nQ2xpY2s9dHJ1ZQ==");

Thread.*sleep*(50000);

String t=driver.getTitle();

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

Thread.*sleep*(5000);

driver.findElement(By.*name*("submit.add-to-cart")).click();

System.***out***.println("Product Added to Cart");

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

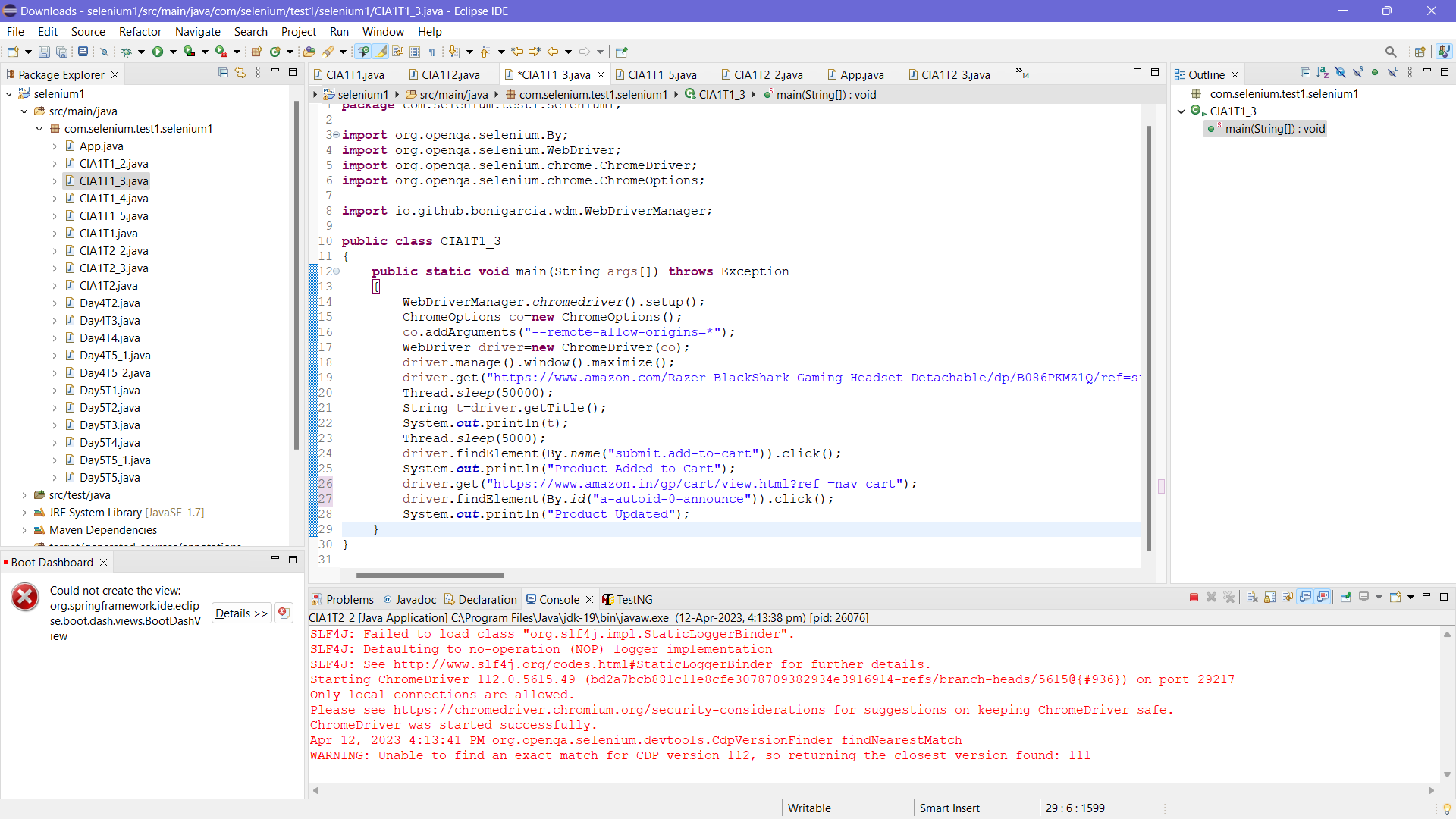
driver.findElement(By.*name*("submit.delete.3a4d8f45-6293-40a8-a090-40b1128b0e22")).click();

System.***out***.println("Product Removed from Cart");

}

}

3.



**package** com.selenium.test1.selenium1;

**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** CIA1T1\_3

{

**public** **static** **void** main(String args[]) **throws** Exception

{

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

ChromeOptions co=**new** ChromeOptions();

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

WebDriver driver=**new** ChromeDriver(co);

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

driver.get("https://www.amazon.com/Razer-BlackShark-Gaming-Headset-Detachable/dp/B086PKMZ1Q/ref=sr\_1\_1\_sspa?keywords=gaming+headsets&pd\_rd\_r=92020bec-fadb-4947-b243-50fe7bd5e6aa&pd\_rd\_w=tMPci&pd\_rd\_wg=QSC3C&pf\_rd\_p=12129333-2117-4490-9c17-6d31baf0582a&pf\_rd\_r=RV5ZR45BCTZ98Q3DGV8A&qid=1681287887&sr=8-1-spons&psc=1&spLa=ZW5jcnlwdGVkUXVhbGlmaWVyPUE3Tk9YRllFRlMyUk8mZW5jcnlwdGVkSWQ9QTA0NDg4MzAyNUswTDJKRTk4NlJMJmVuY3J5cHRlZEFkSWQ9QTA5MzAzNTgzOTBDTFA0Wlg2VE5CJndpZGdldE5hbWU9c3BfYXRmJmFjdGlvbj1jbGlja1JlZGlyZWN0JmRvTm90TG9nQ2xpY2s9dHJ1ZQ==");

Thread.*sleep*(50000);

String t=driver.getTitle();

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

Thread.*sleep*(5000);

driver.findElement(By.*name*("submit.add-to-cart")).click();

System.***out***.println("Product Added to Cart");

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

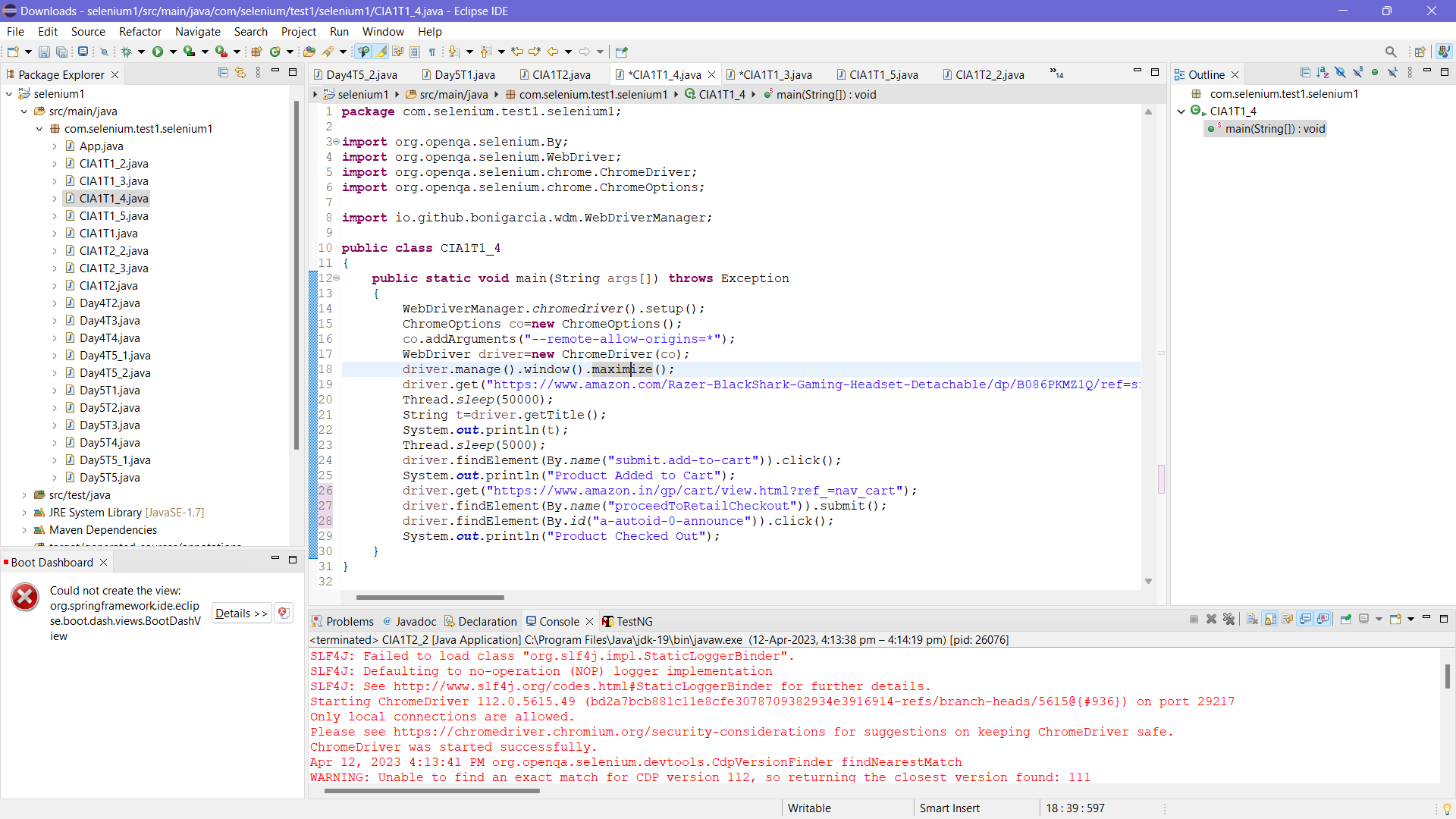
driver.findElement(By.*id*("a-autoid-0-announce")).click();

System.***out***.println("Product Updated");

}

}

4.



**package** com.selenium.test1.selenium1;

**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** CIA1T1\_4

{

**public** **static** **void** main(String args[]) **throws** Exception

{

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

ChromeOptions co=**new** ChromeOptions();

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

WebDriver driver=**new** ChromeDriver(co);

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

driver.get("https://www.amazon.com/Razer-BlackShark-Gaming-Headset-Detachable/dp/B086PKMZ1Q/ref=sr\_1\_1\_sspa?keywords=gaming+headsets&pd\_rd\_r=92020bec-fadb-4947-b243-50fe7bd5e6aa&pd\_rd\_w=tMPci&pd\_rd\_wg=QSC3C&pf\_rd\_p=12129333-2117-4490-9c17-6d31baf0582a&pf\_rd\_r=RV5ZR45BCTZ98Q3DGV8A&qid=1681287887&sr=8-1-spons&psc=1&spLa=ZW5jcnlwdGVkUXVhbGlmaWVyPUE3Tk9YRllFRlMyUk8mZW5jcnlwdGVkSWQ9QTA0NDg4MzAyNUswTDJKRTk4NlJMJmVuY3J5cHRlZEFkSWQ9QTA5MzAzNTgzOTBDTFA0Wlg2VE5CJndpZGdldE5hbWU9c3BfYXRmJmFjdGlvbj1jbGlja1JlZGlyZWN0JmRvTm90TG9nQ2xpY2s9dHJ1ZQ==");

Thread.*sleep*(50000);

String t=driver.getTitle();

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

Thread.*sleep*(5000);

driver.findElement(By.*name*("submit.add-to-cart")).click();

System.***out***.println("Product Added to Cart");

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

driver.findElement(By.*name*("proceedToRetailCheckout")).submit();

driver.findElement(By.*id*("a-autoid-0-announce")).click();

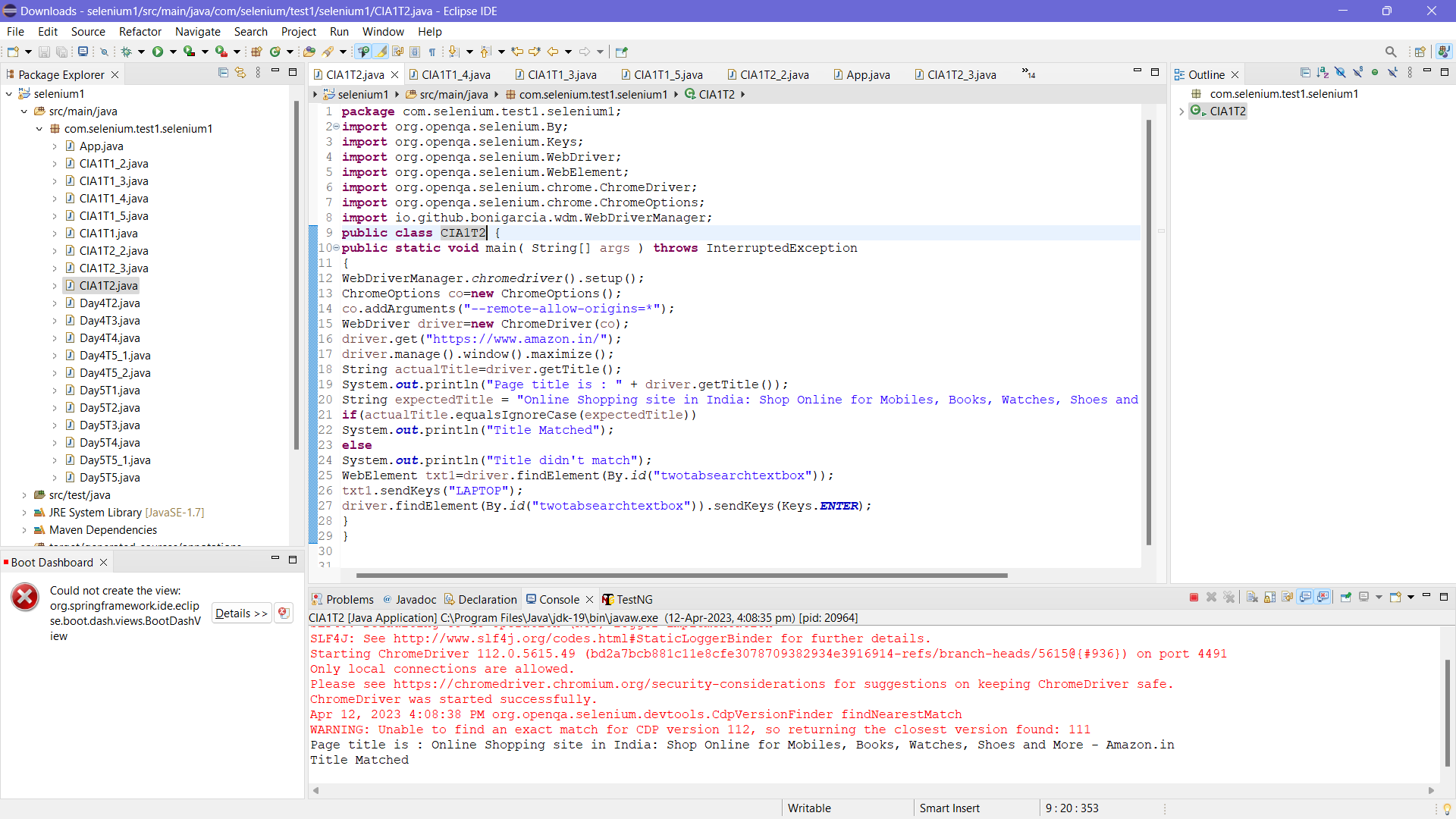
System.***out***.println("Product Checked Out");

}

}

**TASK – 2**

1.



**package** com.selenium.test1.selenium1;

**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** CIA1T2 {

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

{

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();

String actualTitle=driver.getTitle();

System.***out***.println("Page title is : " + driver.getTitle());

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

**if**(actualTitle.equalsIgnoreCase(expectedTitle))

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

**else**

System.***out***.println("Title didn't match");

WebElement txt1=driver.findElement(By.*id*("twotabsearchtextbox"));

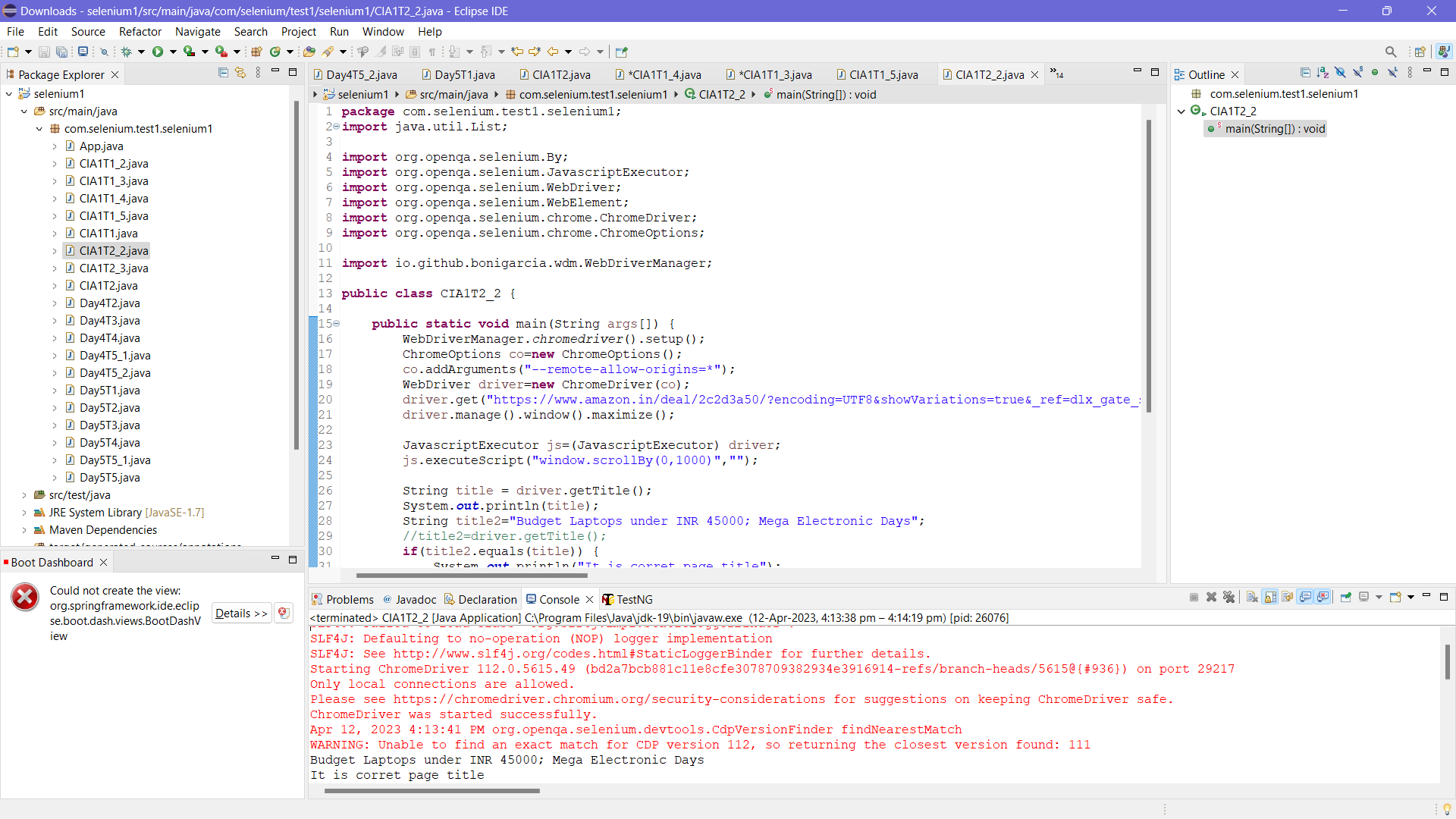
txt1.sendKeys("LAPTOP");

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

}

}

2.



**package** com.selenium.test1.selenium1;

**import** java.util.List;

**import** org.openqa.selenium.By;

**import** org.openqa.selenium.JavascriptExecutor;

**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** CIA1T2\_2 {

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

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

ChromeOptions co=**new** ChromeOptions();

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

WebDriver driver=**new** ChromeDriver(co);

driver.get("https://www.amazon.in/deal/2c2d3a50/?encoding=UTF8&showVariations=true&\_ref=dlx\_gate\_sd\_dcl\_tlt\_2c2d3a50\_dt&pd\_rd\_w=YgMyt&content-id=amzn1.sym.a532052b-26f3-4811-a261-3b35ffa57237&pf\_rd\_p=a532052b-26f3-4811-a261-3b35ffa57237&pf\_rd\_r=SWJFXC5PAM03PF4G0AWT&pd\_rd\_wg=6zviy&pd\_rd\_r=1f436e7b-ab36-4c27-9e50-8f8c69db422a&ref=pd\_gw\_unk");

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

JavascriptExecutor js=(JavascriptExecutor) driver;

js.executeScript("window.scrollBy(0,1000)","");

String title = driver.getTitle();

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

String title2="Budget Laptops under INR 45000; Mega Electronic Days";

//title2=driver.getTitle();

**if**(title2.equals(title)) {

System.***out***.println("It is corret page title");

}

List<WebElement> li=driver.findElements(By.*xpath*("//\*[@id=\"octopus-dlp-asin-stream\"]/ul/li[3]/span/div/div[2]/div[1]/a]"));

**for**(WebElement link:li) {

System.***out***.println(link.getText());

}

driver.navigate().back();

driver.navigate().forward();

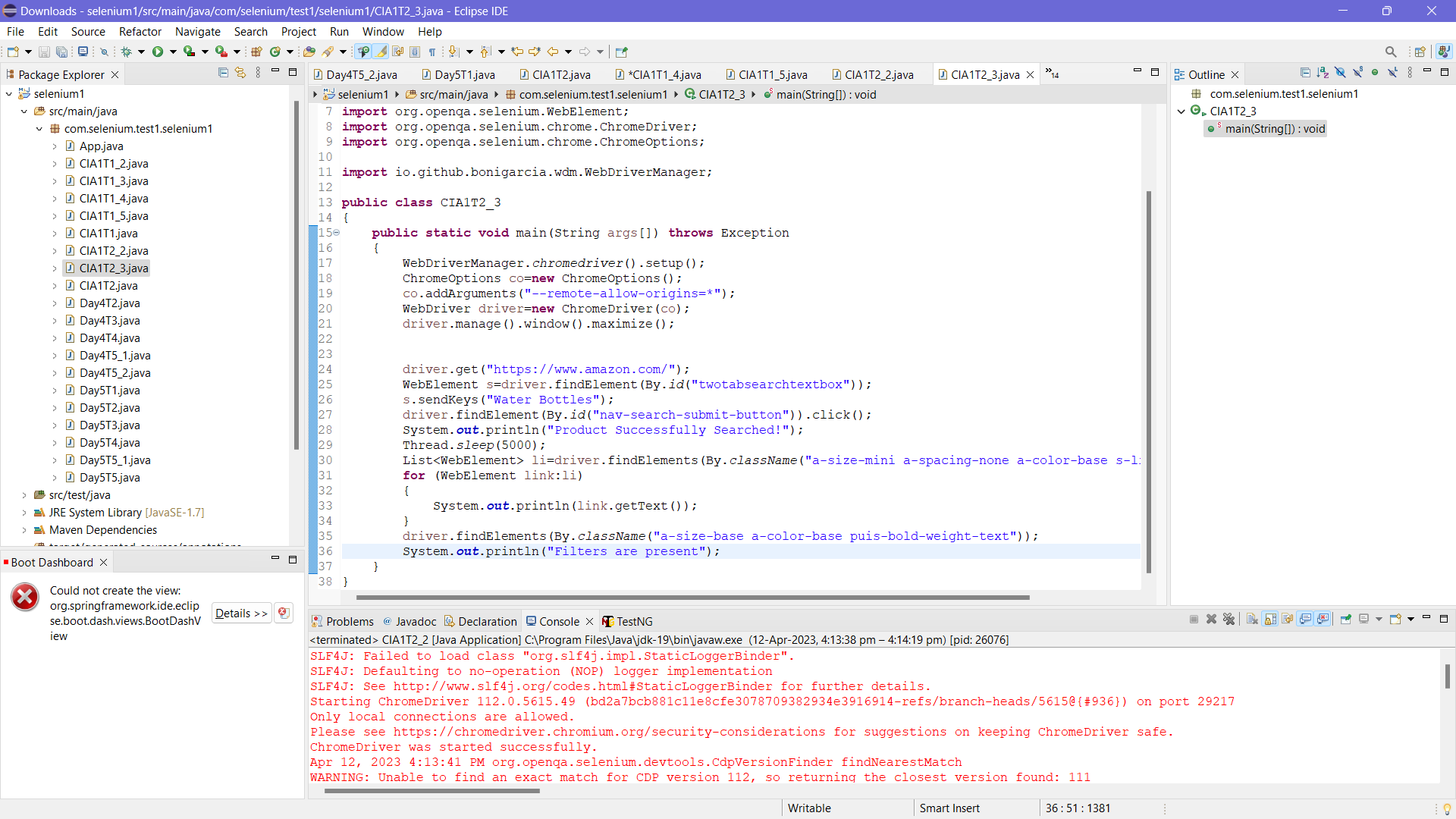
driver.navigate().refresh();

driver.quit();

}

}

3.



**package** com.selenium.test1.selenium1;

**import** java.util.List;

**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** CIA1T2\_3

{

**public** **static** **void** main(String args[]) **throws** Exception

{

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

ChromeOptions co=**new** ChromeOptions();

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

WebDriver driver=**new** ChromeDriver(co);

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

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

WebElement s=driver.findElement(By.*id*("twotabsearchtextbox"));

s.sendKeys("Water Bottles");

driver.findElement(By.*id*("nav-search-submit-button")).click();

System.***out***.println("Product Successfully Searched!");

Thread.*sleep*(5000);

List<WebElement> li=driver.findElements(By.*className*("a-size-mini a-spacing-none a-color-base s-line-clamp-4"));

**for** (WebElement link:li)

{

System.***out***.println(link.getText());

}

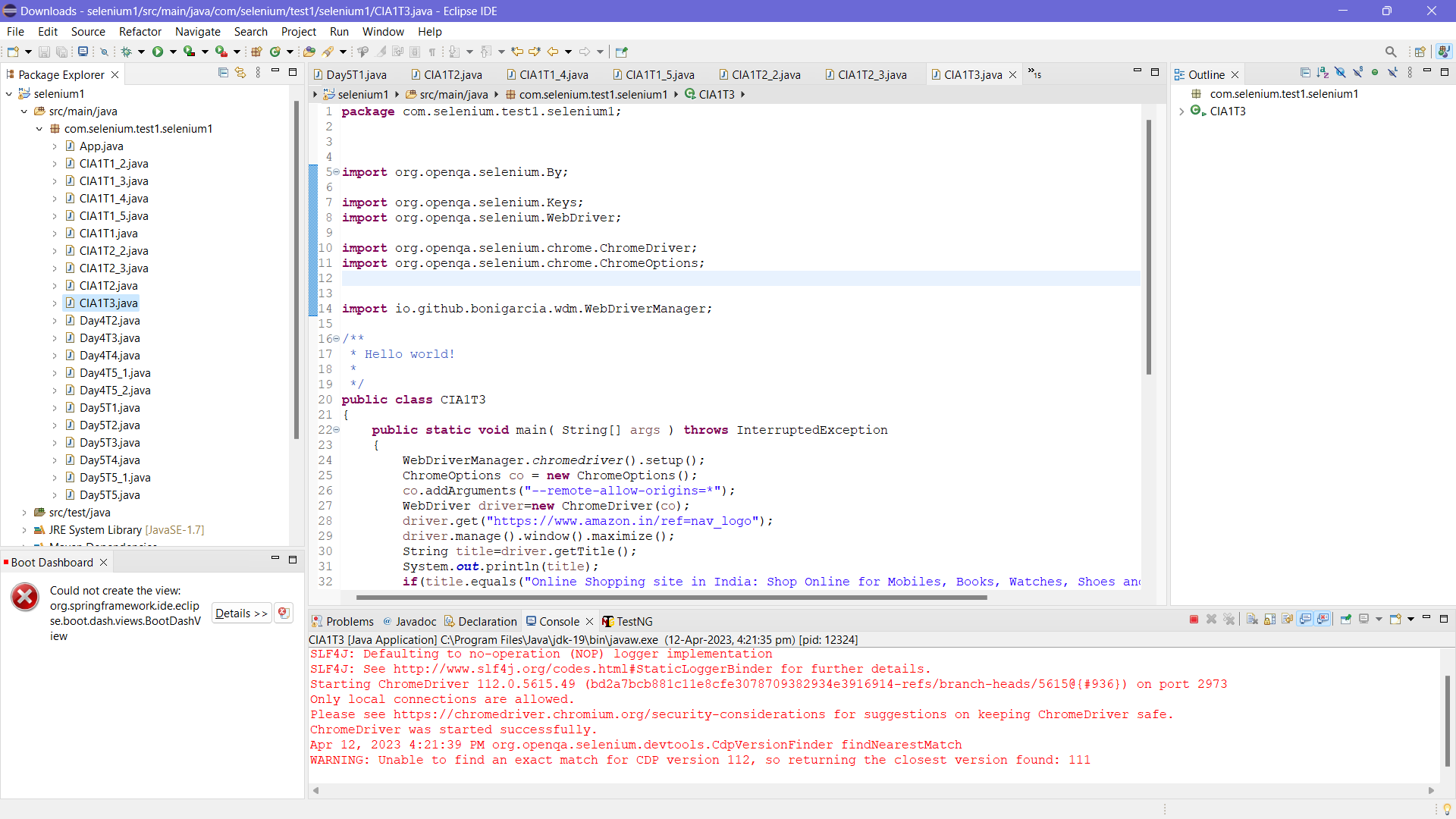
driver.findElements(By.*className*("a-size-base a-color-base puis-bold-weight-text"));

System.***out***.println("Filters are present");

}

}

TASK – 3

3. 

package com.selenium.test.NewTest2.SelTest;

import java.util.List;

import org.openqa.selenium.By;

import org.openqa.selenium.JavascriptExecutor;

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 org.openqa.selenium.support.ui.Select;

import io.github.bonigarcia.wdm.WebDriverManager;

/\*\*

\* Hello world!

\*

\*/

public class App

{

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

{

WebDriverManager.chromedriver().setup();

ChromeOptions co = new ChromeOptions();

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

WebDriver driver=new ChromeDriver(co);

driver.get("https://www.amazon.in/ref=nav\_logo");

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

String title=driver.getTitle();

System.out.println(title);

if(title.equals("Online Shopping site in India: Shop Online for Mobiles, Books, Watches, Shoes and More - Amazon.in")) {

System.out.println("Verified title of the page");

}else {

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

}

driver.findElement(By.id("nav-link-accountList")).click();

driver.findElement(By.id("ap\_email")).sendKeys("params1969@gmail.com");

driver.findElement(By.id("ap\_email")).sendKeys(Keys.ENTER);

driver.findElement(By.id("ap\_password")).sendKeys("AMMUammu@2022");

driver.findElement(By.id("ap\_password")).sendKeys(Keys.ENTER);

Thread.sleep(2000);

String name=driver.findElement(By.id("nav-link-accountList-nav-line-1")).getText();

if(name.equals("Hello, HIROSINI")) {

System.out.println("Successfully, signed in");

}else {

System.out.println("Sign in failed");

}

System.out.println("Testing Ended");

driver.quit();

}

}