Name : Pranav Kumar S
Reg No : 727721eucs104

CA – 1

Question : 1

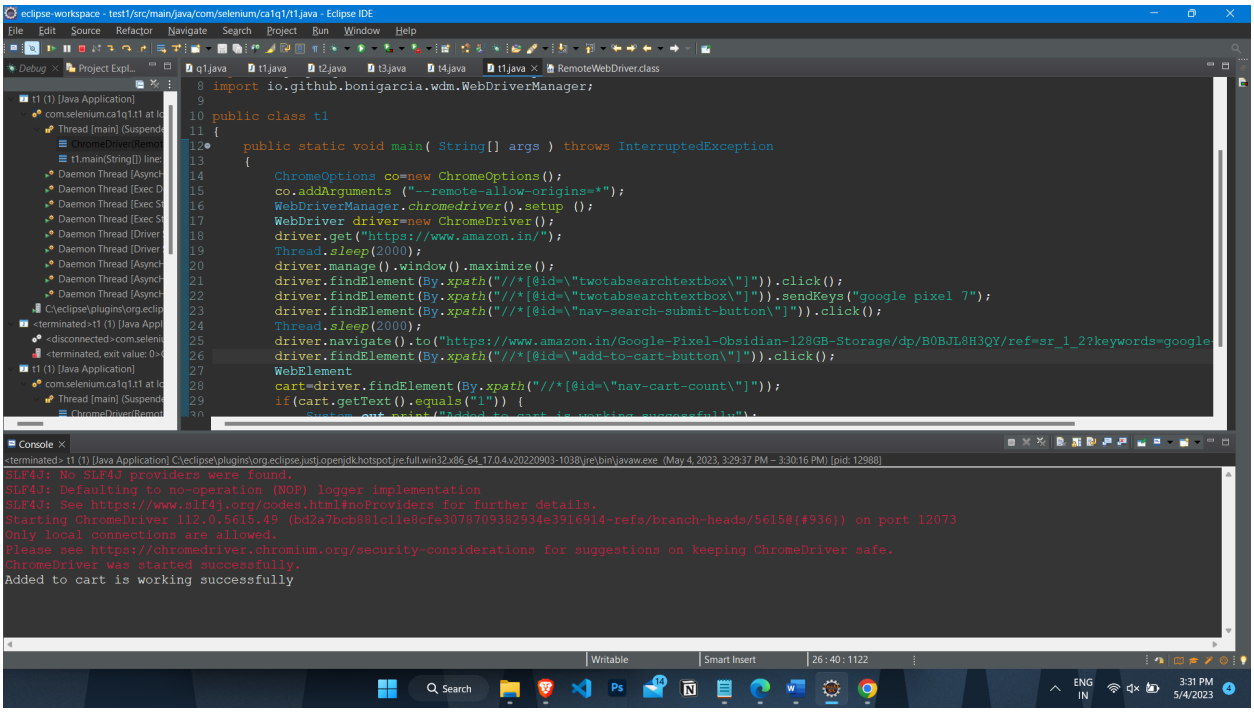
Task – 1 :

```
package com.selenium.ca1q1;

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 t1
{
	public static void main( String[] args ) throws InterruptedException
	{
		ChromeOptions co=new ChromeOptions();
		co.addArguments ("--remote-allow-origins=*");
		WebDriverManager.chromedriver().setup ();
		WebDriver driver=new ChromeDriver();
		driver.get("https://www.amazon.in/");
		Thread.sleep(2000);
		driver.manage().window().maximize();
		driver.findElement(By.xpath("//*[@id=\"twotabsearchtextbox\"]")).click();
```

Name : Pranav Kumar S
Reg No : 727721eucs104

```
		driver.findElement(By.xpath("//*[@id=\"twotabsearchtextbox\"]")).sendKeys("google
pixel 7");

		driver.findElement(By.xpath("//*[@id=\"nav-search-submit-button\"]")).click();

		Thread.sleep(2000);

		driver.navigate().to("https://www.amazon.in/Google-Pixel-Obsidian-128GB-
Storage/dp/B0BJL8H3QY/ref=sr_1_2?keywords=google+pixel+7&sr=8-2") ;

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

		WebElement

		cart=driver.findElement(By.xpath("//*[@id=\"nav-cart-count\"]"));

		if(cart.getText().equals("1")) {

			System.out.print("Added to cart is working successfully");

		}else {

			System.out.print("Added to cart is not working successfully");

		}

	}

}
```

Name : Pranav Kumar S
Reg No : 727721eucs104



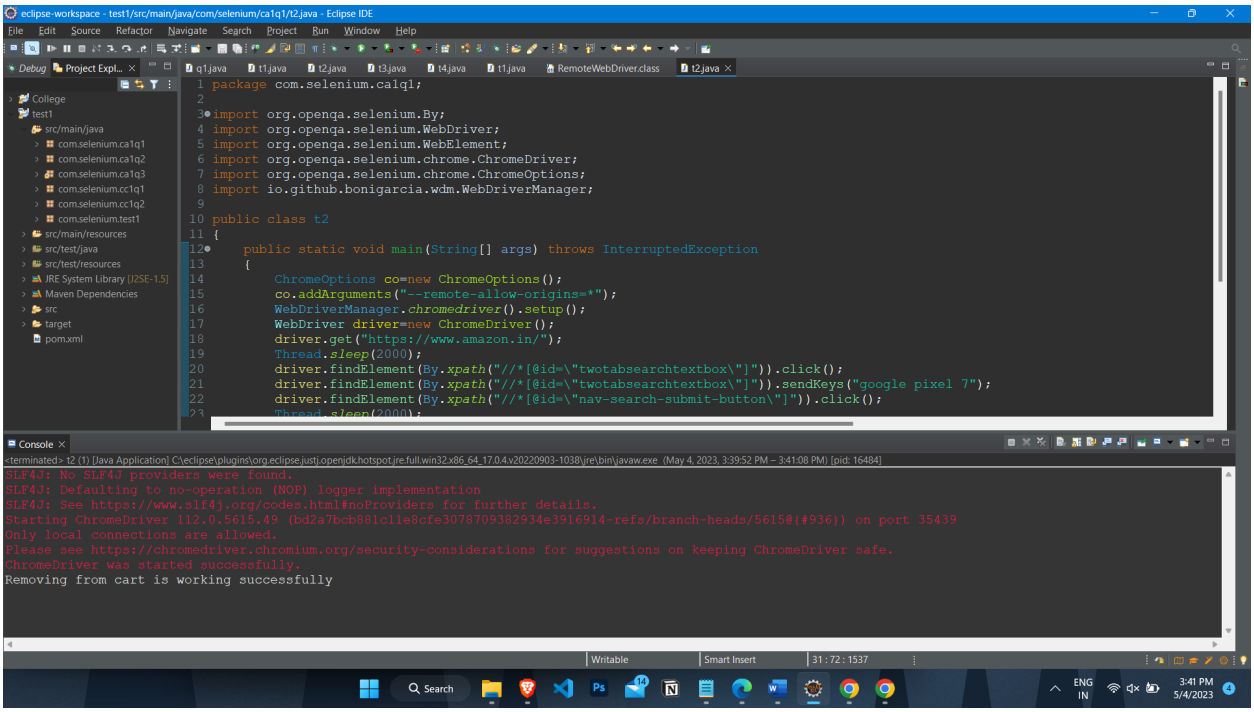
Name : Pranav Kumar S
Reg No : 727721eucs104

Task – 2 :

```
package com.selenium.ca1q1;

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 t2
{
	public static void main(String[] args) throws InterruptedException
	{
		ChromeOptions co=new ChromeOptions();
		co.addArguments("--remote-allow-origins=*");
		WebDriverManager.chromedriver().setup();
		WebDriver driver=new ChromeDriver();
		driver.get("https://www.amazon.in/");
		Thread.sleep(2000);
		driver.findElement(By.xpath("//*[@id=\"twotabsearchtextbox\"]")).click();
		driver.findElement(By.xpath("//*[@id=\"twotabsearchtextbox\"]")).sendKeys("google
pixel 7");
		driver.findElement(By.xpath("//*[@id=\"nav-search-submit-button\"]")).click();
		Thread.sleep(2000);
		driver.navigate().to("https://www.amazon.in/Google-Pixel-Obsidian-128GB-
Storage/dp/B0BJL8H3QY/ref=sr_1_2?keywords=google+pixel+7&sr=8-2") ;
		driver.findElement(By.xpath("//*[@id=\"add-to-cart-button\"]")).click();
```

Name : Pranav Kumar S
Reg No : 727721eucs104

```
driver.navigate().to("https://www.amazon.in/gp/cart/view.html?ref_=nav_cart"

);

Thread.sleep(2000);

WebElement

cart=driver.findElement(By.xpath("/html/body/div[1]/div[2]/div[3]/div[5]/div/div[2]/div[1]/div/form/div[2]/div[3]/div[4]/div/div[2]/div[1]/span[1]/span/span[1]/span/span/span/span/span[2]"));

if(cart.getText().equals("0")) {

System.out.print("Removing from cart is working successfully");

}else {

System.out.print("Removing from cart is not working successfully");

}

}

}
```



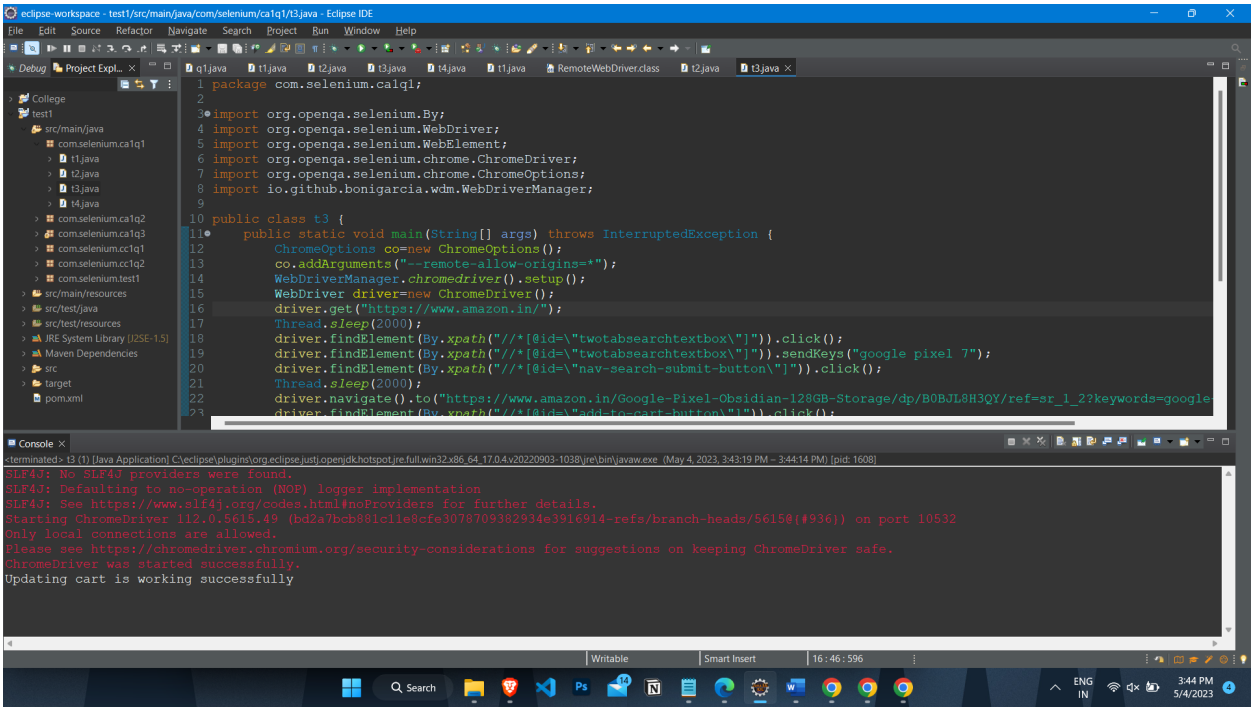
Name : Pranav Kumar S
Reg No : 727721eucs104

Task – 3 :

```
package com.selenium.ca1q1;

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 t3 {
	public static void main(String[] args) throws InterruptedException {
		ChromeOptions co=new ChromeOptions();
		co.addArguments("--remote-allow-origins=*");
		WebDriverManager.chromedriver().setup();
		WebDriver driver=new ChromeDriver();
		driver.get("https://www.amazon.in/");
		Thread.sleep(2000);
		driver.findElement(By.xpath("//*[@id=\"twotabsearchtextbox\"]")).click();
		driver.findElement(By.xpath("//*[@id=\"twotabsearchtextbox\"]")).sendKeys("google
pixel 7");
		driver.findElement(By.xpath("//*[@id=\"nav-search-submit-button\"]")).click();
		Thread.sleep(2000);
		driver.navigate().to("https://www.amazon.in/Google-Pixel-Obsidian-128GB-
Storage/dp/B0BJL8H3QY/ref=sr_1_2?keywords=google+pixel+7&sr=8-2") ;
		driver.findElement(By.xpath("//*[@id=\"add-to-cart-button\"]")).click();
		driver.navigate().to("https://www.amazon.in/gp/cart/view.html?ref_=nav_cart");
		driver.findElement(By.xpath("//*[@id=\"a-autoid-0\"]")).click();
```

Name : Pranav Kumar S
Reg No : 727721eucs104

```
        driver.findElement(By.xpath("//*[@id=\"quantity_2\"]")).click();
        Thread.sleep(2000);
        WebElement
        cart=driver.findElement(By.xpath("//*[@id=\"nav-cart-count\"]"));
        if(cart.getText().equals("2")) {
        System.out.print("Updating cart is working successfully");
        }else {
                System.out.print("Updating cart is not working successfully");
        }
    }
}
```



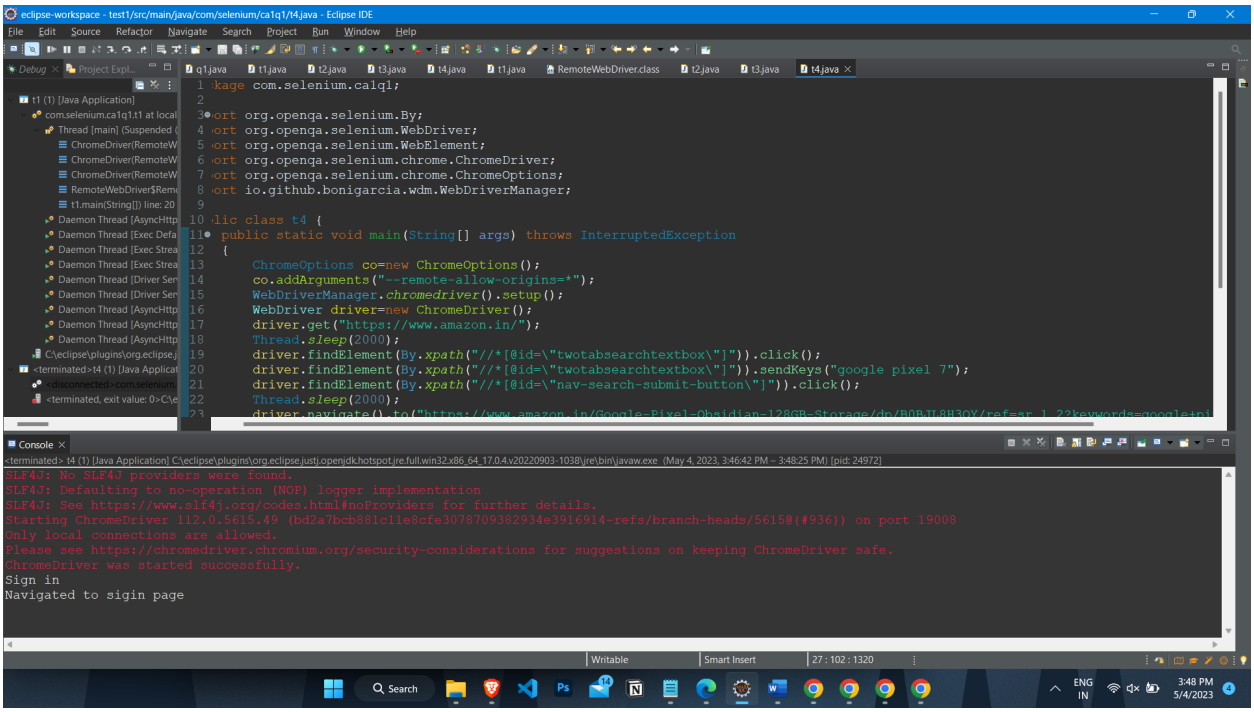
Name : Pranav Kumar S
Reg No : 727721eucs104

Task – 4 :

```
package com.selenium.ca1q1;

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 t4 {
	public static void main(String[] args) throws InterruptedException
	{
		ChromeOptions co=new ChromeOptions();
		co.addArguments("--remote-allow-origins=*");
		WebDriverManager.chromedriver().setup();
		WebDriver driver=new ChromeDriver();
		driver.get("https://www.amazon.in/");
		Thread.sleep(2000);
		driver.findElement(By.xpath("//*[@id=\"twotabsearchtextbox\"]")).click();
		driver.findElement(By.xpath("//*[@id=\"twotabsearchtextbox\"]")).sendKeys("google
pixel 7");
		driver.findElement(By.xpath("//*[@id=\"nav-search-submit-button\"]")).click();
		Thread.sleep(2000);
		driver.navigate().to("https://www.amazon.in/Google-Pixel-Obsidian-128GB-
Storage/dp/B0BJL8H3QY/ref=sr_1_2?keywords=google+pixel+7&sr=8-2") ;
```

Name : Pranav Kumar S
Reg No : 727721eucs104

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

                driver.findElement(By.xpath("//*[@id=\"sc-buy-box-ptc-button\"]/span/input")).click();

                WebElement

                ele=driver.findElement(By.xpath("//*[@id=\"authportal-main-
section\"]/div[2]/div/div[1]/form/div/div/div/h1"));

                String actual=ele.getText();

                System.out.println(actual);

                String expected="Sign in";

                if(actual.equals(expected)) {

                        System.out.print("Navigated to sigin page");

                }

        }

}
```



Name : Pranav Kumar S
Reg No : 727721eucs104

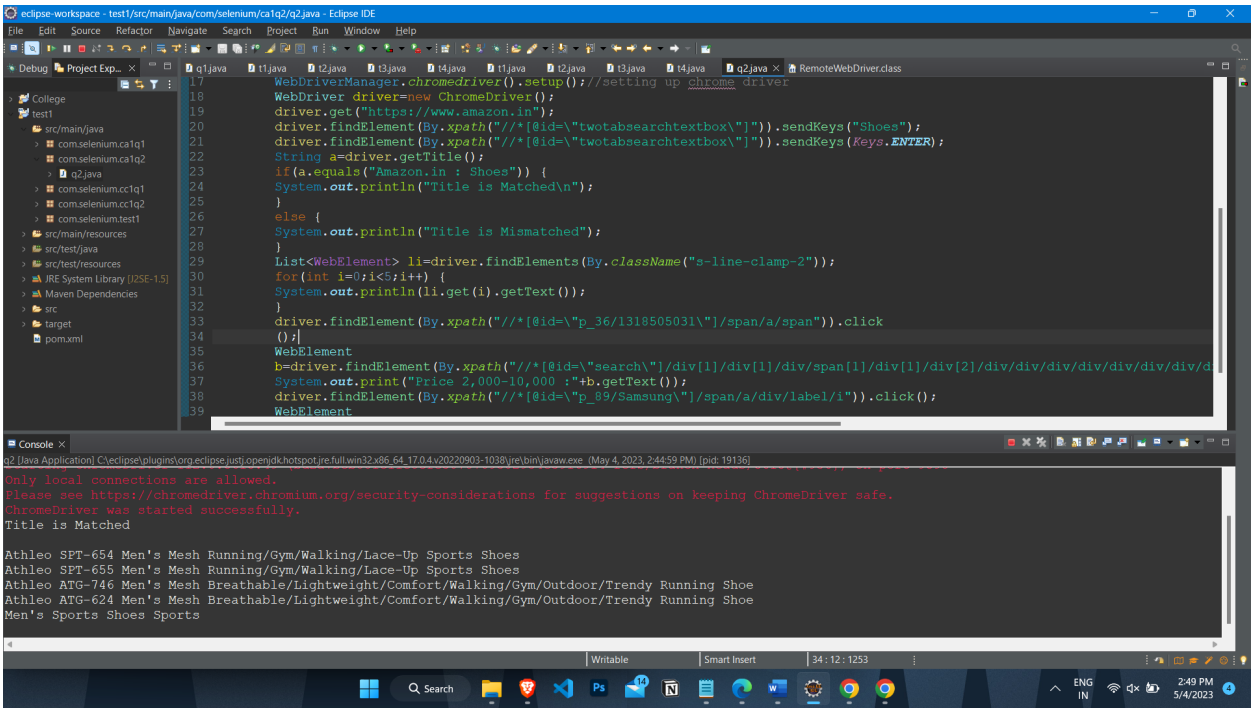
Question : 2

```
package com.selenium.ca1q2;

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 q2
{
	public static void main( String[] args )
	{
		ChromeOptions co=new ChromeOptions();
		co.addArguments("--remote-allow-origins=*");
		WebDriverManager.chromedriver().setup();//setting up chrome driver
		WebDriver driver=new ChromeDriver();
		driver.get("https://www.amazon.in");
		driver.findElement(By.xpath("//*[@id=\"twotabsearchtextbox\"]")).sendKeys("Shoes");

	driver.findElement(By.xpath("//*[@id=\"twotabsearchtextbox\"]")).sendKeys(Keys.ENTER);
		String a=driver.getTitle();
		if(a.equals("Amazon.in : Shoes")) {
		System.out.println("Title is Matched\n");
```

Name : Pranav Kumar S
Reg No : 727721eucs104

```
        }
        else {
        System.out.println("Title is Mismatched");
        }
        List<WebElement> li=driver.findElements(By.className("s-line-clamp-2"));
        for(int i=0;i<5;i++) {
        System.out.println(li.get(i).getText());
        }
        driver.findElement(By.xpath("//*[@id=\"p_36/1318505031\"]/span/a/span")).click
        ();
        WebElement

    b=driver.findElement(By.xpath("//*[@id=\"search\"]/div[1]/div[1]/div/span[1]/div[1]/div[2]/div/
div/div/div/div/div/div/div[2]/div/div/div[3]/div[1]/div/div[1]/div[2]/a/span[1]/span[2]/span[2]"));
        System.out.print("Price 2,000-10,000 :"+b.getText());
        driver.findElement(By.xpath("//*[@id=\"p_89/Samsung\"]/span/a/div/label/i")).click();
        WebElement

    c=driver.findElement(By.xpath("//*[@id=\"search\"]/div[1]/div[1]/div/span[1]/div[1]/div[2]/div/
div/div/div/div/div[2]/div/div/div[1]/h2/a/span"));
        System.out.print("Price 2,000-10,000 & Puma: "+ c.getText());
    }
}
```

Name : Pranav Kumar S
Reg No : 727721eucs104

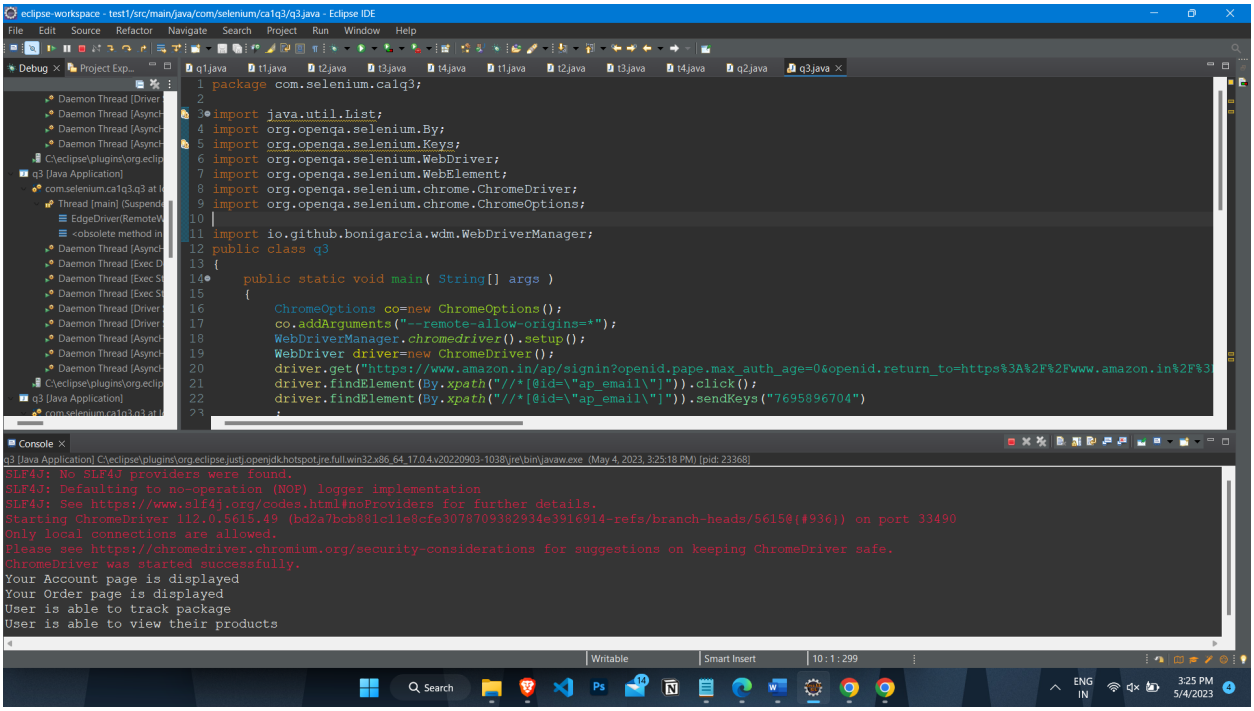


Name : Pranav Kumar S
Reg No : 727721eucs104

Question : 3

```
package com.selenium.ca1q3;

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 q3
{
	public static void main( String[] args )
	{
		ChromeOptions co=new ChromeOptions();
		co.addArguments("--remote-allow-origins=*");
		WebDriverManager.chromedriver().setup();
		WebDriver driver=new ChromeDriver();

	driver.get("https://www.amazon.in/ap/signin?openid.pape.max_auth_age=0&openid.return_to
=https%3A%2F%2Fwww.amazon.in%2F%3Fref_%3Dnav_ya_signin&openid.identity=http%3A%2F%2Fspe
cs.openid.net%2Fauth%2F2.0%2Fidentifier_select&openid.assoc_handle=inflex&openid.mode=checkid_
setup&openid.claimed_id=http%3A%2F%2Fspecs.openid.net%2Fauth%2F2.0%2Fidentifier_select&openi
d.ns=http%3A%2F%2Fspecs.openid.net%2Fauth%2F2.0&");
		driver.findElement(By.xpath("//*[@id=\"ap_email\"]")).click();
		driver.findElement(By.xpath("//*[@id=\"ap_email\"]")).sendKeys("7695896704")
```

```
;
driver.findElement(By.xpath("//*[@id=\"continue\"]")).click();
driver.findElement(By.xpath("//*[@id=\"ap_password\"]")).click();
driver.findElement(By.xpath("//*[@id=\"signInSubmit\"]")).click();
driver.findElement(By.xpath("//*[@id=\"nav-link-accountList\"]")).click();
WebElement
acc=driver.findElement(By.xpath("//*[@id=\"a-page\"]/div[2]/div/div[1]/h1"));
String actual=acc.getText();
String expected="Your Account";
if(actual.equals(expected)) {
System.out.println("Your Account page is displayed");
}
driver.findElement(By.xpath("//*[@id=\"a-
page\"]/div[2]/div/div[2]/div[1]/a/div")).click();
WebElement
ord=driver.findElement(By.xpath("//*[@id=\"a-
page\"]/section/div[1]/div[2]/div[1]/h1"));
String act=ord.getText();
String exp="Your Orders";
if(act.equals(exp)) {
System.out.println("Your Order page is displayed");
}
//driver.findElement(By.xpath("//*[@id=\"a-
page\"]/div[2]/div/div[2]/div[1]/a/div")).click();
//WebElement trac=driver.findElement(By.xpath("//*[@id=\"a-
page\"]/section/div[1]/div[2]/div[1]/h1"));
String act1=ord.getText();
String exp1="Your orders";
if(act.equals(exp)) {
System.out.println("User is able to track package");
```

Name : Pranav Kumar S
Reg No : 727721eucs104

```
            }

        //driver.findElement(By.xpath("//*[@id=\"pop\"]/div/div[2]/div/div[1]/div/div[3]/div/div/div/div
/div[2]/div/div/a")).click();

            System.out.println("User is able to view their products");

        }

}
```