**CA 1**

**Software Testing using Selenium**

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1.

Code:

package com.selenium.test5.Test2;

import org.openqa.selenium.By;

import org.openqa.selenium.JavascriptExecutor;

import org.openqa.selenium.WebDriver;

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;

public class QNo1

{

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/ASUS-15-6-inch-Integrated-Transparent-X515MA-BR011W/dp/B09SGGB687?ref\_=Oct\_DLandingS\_D\_2c2d3a50\_61&th=1");

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

String title=driver.getTitle();

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

if(title.equals("Amazon.in: Buy ASUS VivoBook 15 (2021), 15.6-inch (39.62 cm) HD, Dual Core Intel Celeron N4020, Thin and Light Laptop (4GB RAM/256GB SSD/Integrated Graphics/Windows 11 Home/Transparent Silver/1.8 Kg), X515MA-BR011W Online at Low Prices in India | ASUS Reviews & Ratings")) {

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

}else {

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

}

JavascriptExecutor js=(JavascriptExecutor) driver;

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

driver.findElement(By.*id*("add-to-cart-button")).click();

System.***out***.println("Verified Add to Cart button");

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

if(lnk.equals("Sign in")) {

System.***out***.println("Sign in page landed");

}else {

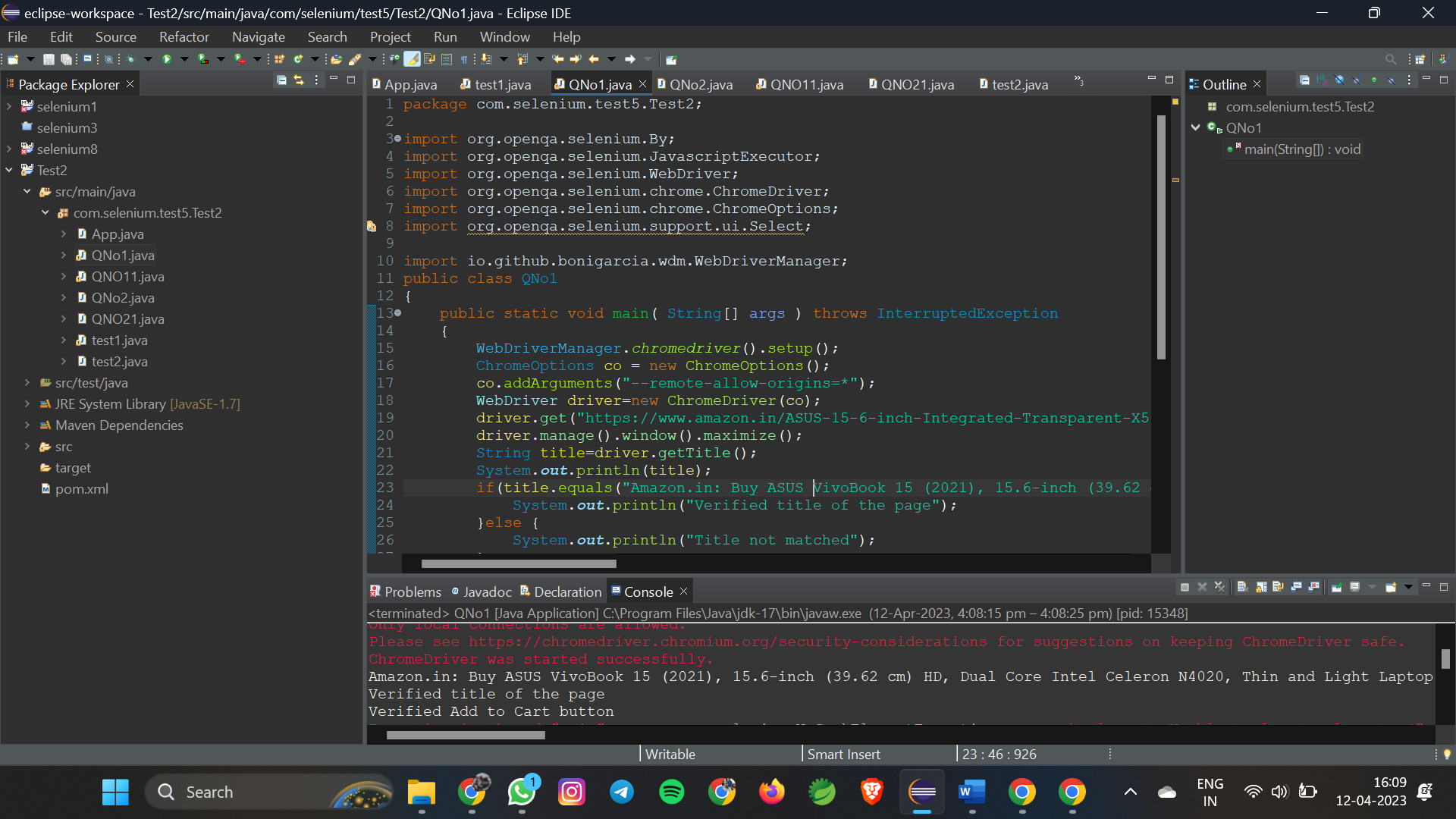
System.***out***.println("Wrong page landed");

}

driver.quit();

}

}



2. code:

package com.selenium.test5.Test2;

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;

public class QNo2

{

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*("twotabsearchtextbox")).sendKeys("phone");

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

System.***out***.println("Searched Item successfully");

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

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

for(WebElement link:li) {

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

}

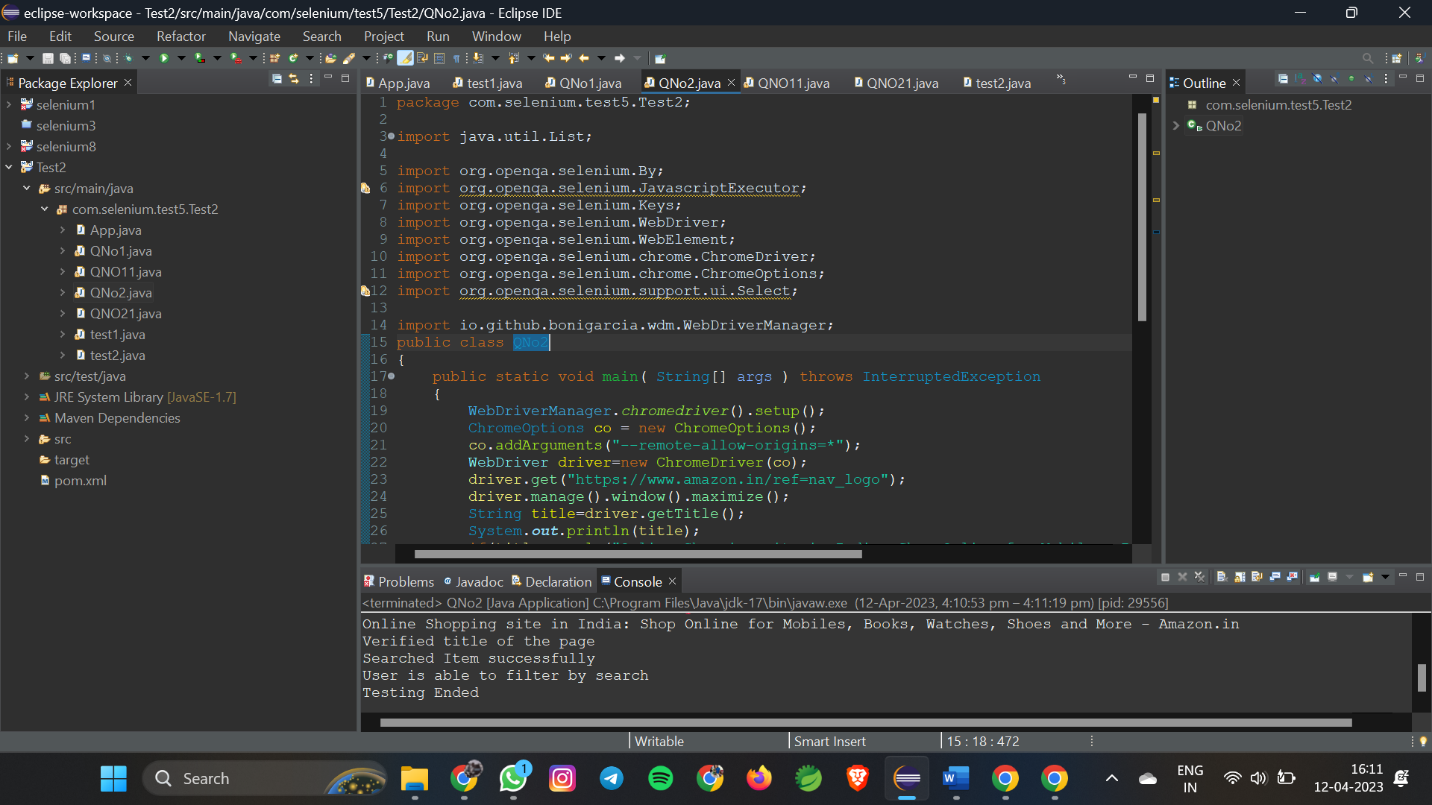
System.***out***.println("User is able to filter by search");

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

driver.quit();

}

}



3.

package com.selenium.test5.Test2;

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 test1

{

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("bala2k56@gmail.com");

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

driver.findElement(By.*id*("ap\_password")).sendKeys("bala\*");

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, Bala")) {

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

}else {

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

}

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

driver.quit();

}

}

Output:

