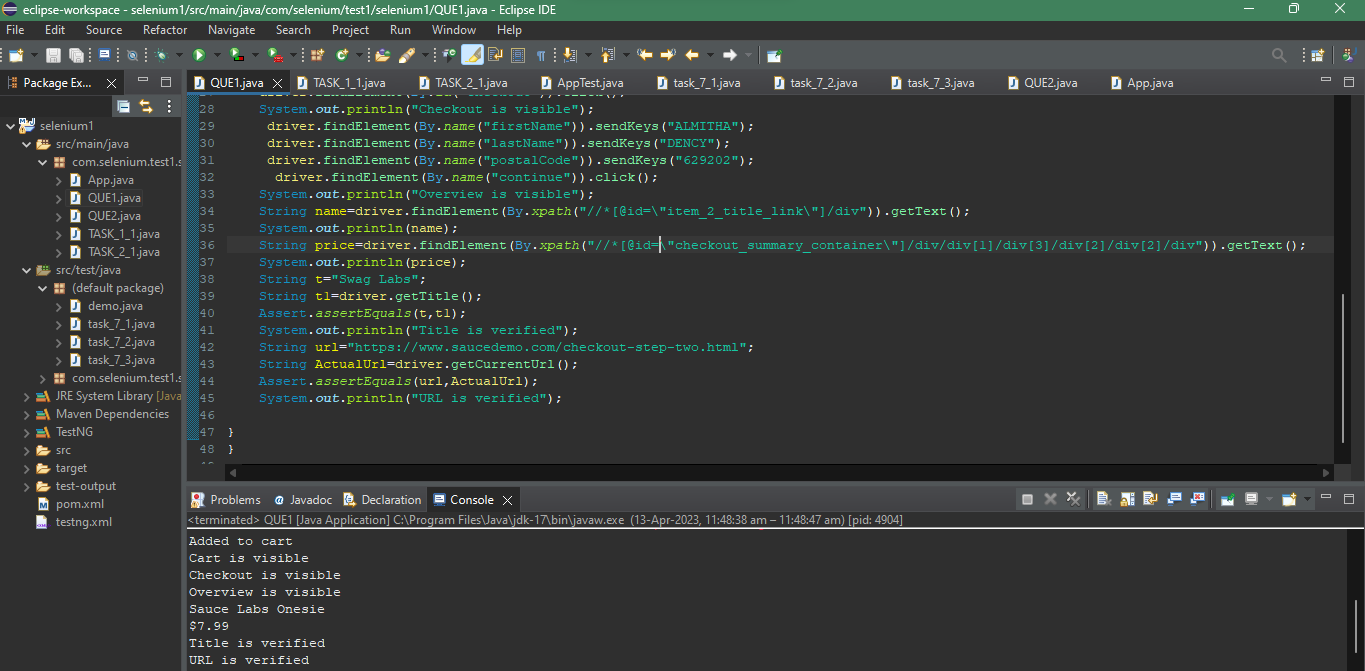
**CC1-Selenium Software Testing**

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**Question 1:**



**Code:**

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 org.testng.Assert;

import io.github.bonigarcia.wdm.WebDriverManager;

public class QUE1 {

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.saucedemo.com/");

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

driver.findElement(By.name("user-name")).sendKeys("standard\_user");

driver.findElement(By.name("password")).sendKeys("secret\_sauce");

driver.findElement(By.id("login-button")).click();

driver.get("https://www.saucedemo.com/inventory-item.html?id=2");

driver.findElement(By.id("add-to-cart-sauce-labs-onesie")).click();

System.out.println("Added to cart");

driver.findElement(By.className("shopping\_cart\_link")).click();

System.out.println("Cart is visible");

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

System.out.println("Checkout is visible");

driver.findElement(By.name("firstName")).sendKeys("MOHAMED ");

driver.findElement(By.name("lastName")).sendKeys("TARIQ");

driver.findElement(By.name("postalCode")).sendKeys("629161");

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

System.out.println("Overview is visible");

String name=driver.findElement(By.xpath("//\*[@id=\"item\_2\_title\_link\"]/div")).getText();

System.out.println(name);

String price=driver.findElement(By.xpath("//\*[@id=\"checkout\_summary\_container\"]/div/div[1]/div[3]/div[2]/div[2]/div")).getText();

System.out.println(price);

String t="Swag Labs";

String t1=driver.getTitle();

Assert.assertEquals(t,t1);

System.out.println("Title is verified");

String url="https://www.saucedemo.com/checkout-step-two.html";

String ActualUrl=driver.getCurrentUrl();

Assert.assertEquals(url,ActualUrl);

System.out.println("URL is verified");

}

}

**Question 2:**

**Task 2.1**

package com.selenium.test1.selenium1;

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

import io.github.bonigarcia.wdm.WebDriverManager;

public class QUE2\_1 {

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.saucedemo.com/");

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

driver.findElement(By.name("user-name")).sendKeys("standard\_user");

driver.findElement(By.name("password")).sendKeys("secret\_sauce");

driver.findElement(By.id("login-button")).click();

WebElement sort1=driver.findElement(By.className("product\_sort\_container"));

sort1.click();

System.out.println("A-Z is applicable");

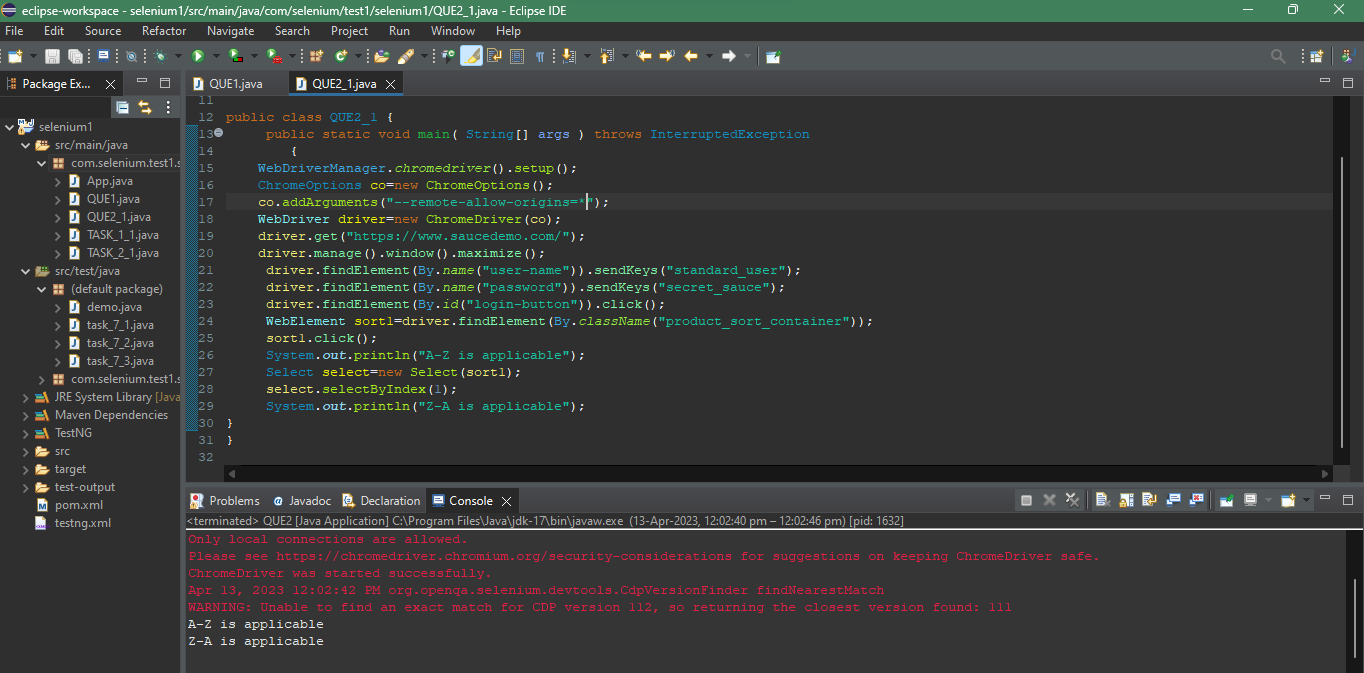
Select select=new Select(sort1);

select.selectByIndex(1);

System.out.println("Z-A is applicable");

}

}



**Task 2.2**

package com.selenium.test1.selenium1;

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

import io.github.bonigarcia.wdm.WebDriverManager;

public class QUE2\_2 {

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.saucedemo.com/");

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

driver.findElement(By.name("user-name")).sendKeys("standard\_user");

driver.findElement(By.name("password")).sendKeys("secret\_sauce");

driver.findElement(By.id("login-button")).click();

WebElement sort1=driver.findElement(By.className("product\_sort\_container"));

sort1.click();

Select select=new Select(sort1);

select.selectByIndex(0);

String fpo=driver.findElement(By.className("inventory\_item\_name")).getText();

System.out.println(fpo);

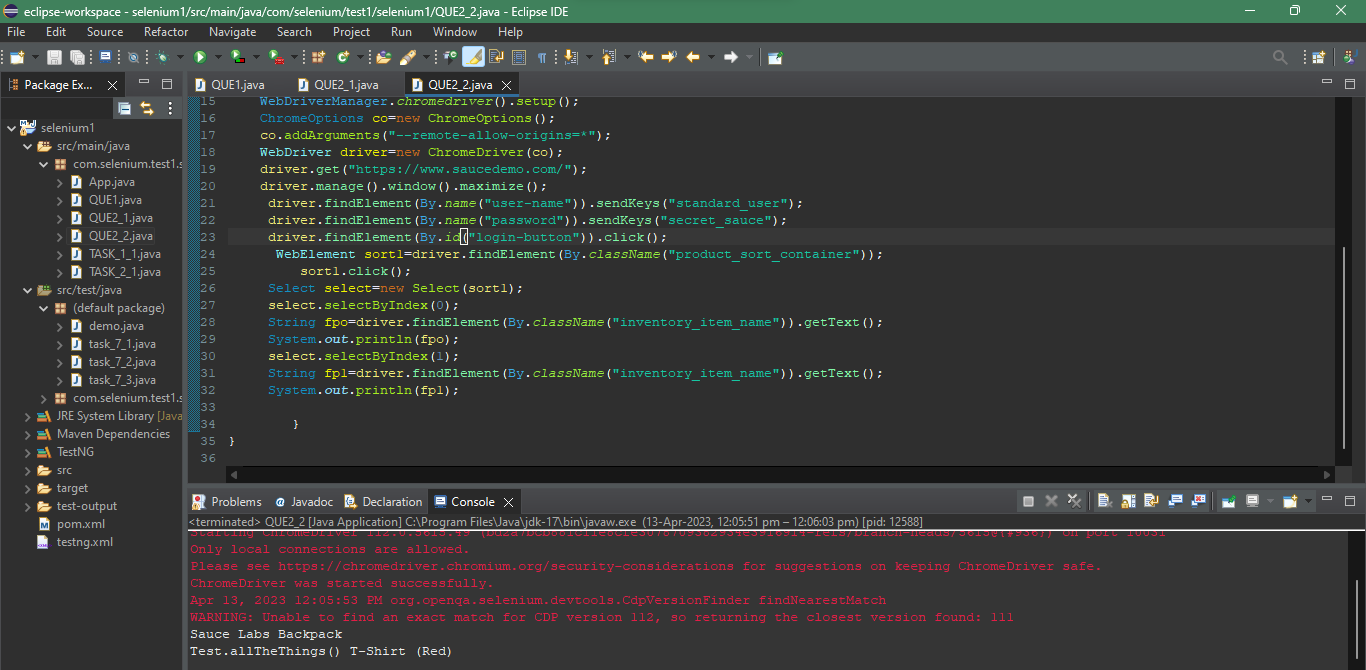
select.selectByIndex(1);

String fp1=driver.findElement(By.className("inventory\_item\_name")).getText();

System.out.println(fp1);

}

}



**Task 2.3**

package com.selenium.test1.selenium1;

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

import io.github.bonigarcia.wdm.WebDriverManager;

public class QUE2\_3 {

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.saucedemo.com/");

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

driver.findElement(By.name("user-name")).sendKeys("standard\_user");

driver.findElement(By.name("password")).sendKeys("secret\_sauce");

driver.findElement(By.id("login-button")).click();

WebElement sort1=driver.findElement(By.className("product\_sort\_container"));

sort1.click();

Select select=new Select(sort1);

select.selectByIndex(2);

System.out.println("LOW-HIGH is applicable");

WebElement sort2=driver.findElement(By.className("product\_sort\_container"));

sort2.click();

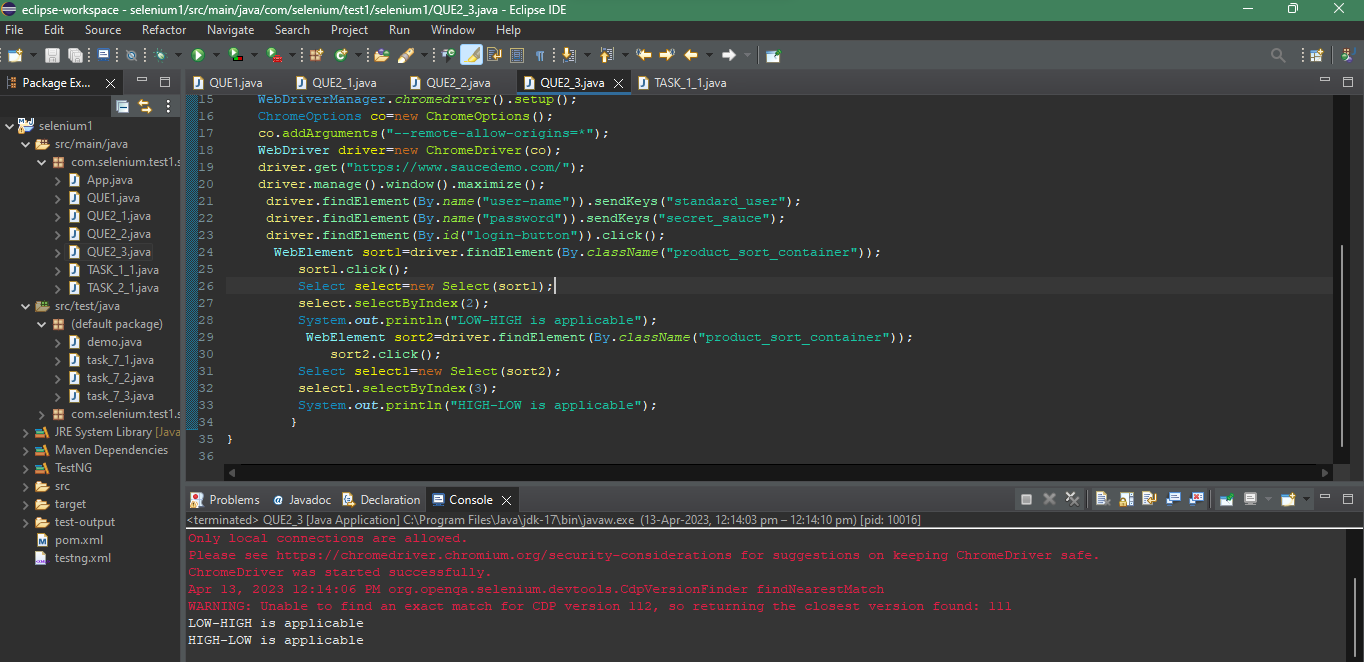
Select select1=new Select(sort2);

select1.selectByIndex(3);

System.out.println("HIGH-LOW is applicable");

}

}



**Task 2.4**

package com.selenium.test1.selenium1;

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

import io.github.bonigarcia.wdm.WebDriverManager;

public class QUE2\_4 {

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.saucedemo.com/");

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

driver.findElement(By.name("user-name")).sendKeys("standard\_user");

driver.findElement(By.name("password")).sendKeys("secret\_sauce");

driver.findElement(By.id("login-button")).click();

WebElement sort1=driver.findElement(By.className("product\_sort\_container"));

sort1.click();

Select select=new Select(sort1);

select.selectByIndex(2);

String d1=driver.findElement(By.className("inventory\_item\_name")).getText();

System.out.println(d1);

WebElement sort2=driver.findElement(By.className("product\_sort\_container"));

sort2.click();

Select select1=new Select(sort2);

select1.selectByIndex(3);

String d2=driver.findElement(By.className("inventory\_item\_name")).getText();

System.out.println(d2);

}

}

