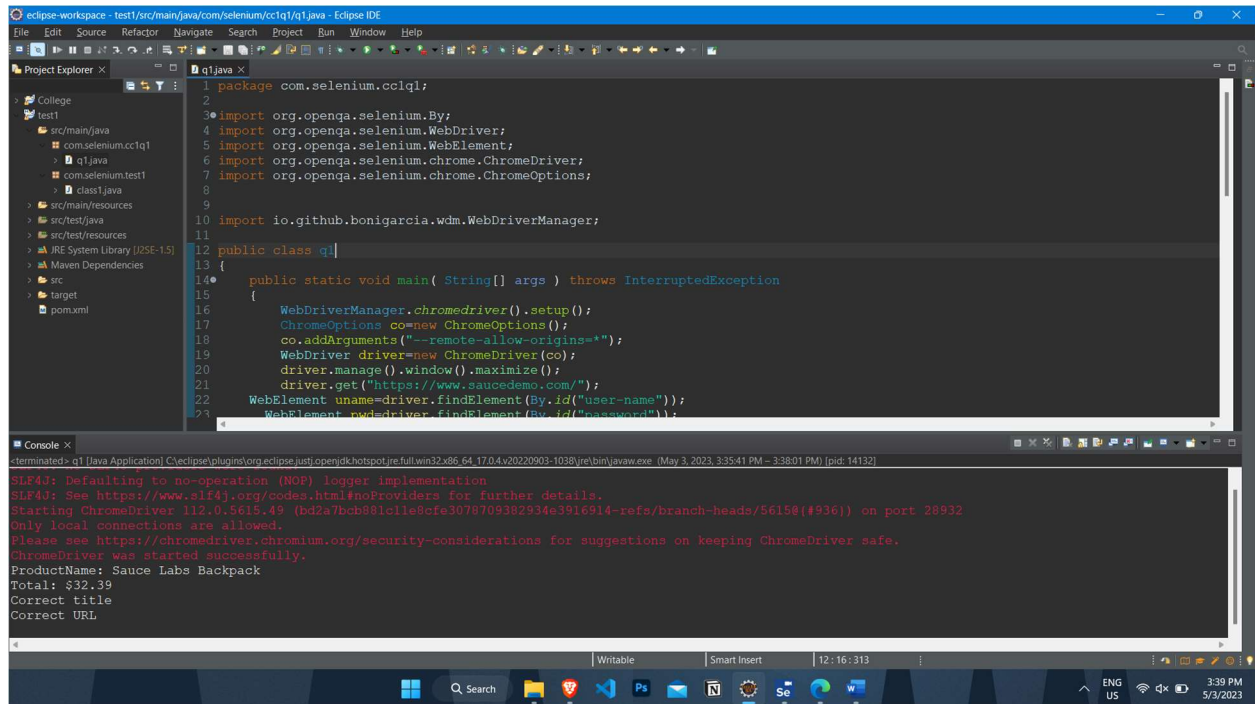CC-1

QUESTION-1:


```java
package com.selenium.cc1q1;

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 q1
{
    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.manage().window().maximize();
      driver.get("https://www.saucedemo.com/");
    WebElement uname=driver.findElement(By.id("user-name"));
        WebElement pwd=driver.findElement(By.id("password"));
```

```java
        WebElement submit= driver.findElement(By.xpath("//*[@id=\"login-
button\"]"));
        uname.sendKeys("standard_user");
        pwd.sendKeys("secret_sauce");
        submit.click();
    //driver.get("https://www.saucedemo.com/inventory.html");
     WebElement add= driver.findElement(By.xpath("//*[@id=\"add-to-cart-sauce-
labs-backpack\"]"));
        add.click();
        WebElement cart= driver.findElement(By.className("shopping_cart_link"));
        cart.click();
        WebElement check= driver.findElement(By.xpath("//*[@id=\"checkout\"]"));
        check.click();
        WebElement fname=driver.findElement(By.id("first-name"));
        WebElement lname=driver.findElement(By.id("last-name"));
        WebElement postalcode=driver.findElement(By.id("postal-code"));
        WebElement cont= driver.findElement(By.xpath("//*[@id=\"continue\"]"));
        fname.sendKeys("Janani");
        lname.sendKeys("K S");
        postalcode.sendKeys("123456");
        cont.click();

        WebElement prints=driver.findElement(By.className("inventory_item_name"));
        System.out.println("ProductName: "+prints.getText());

        WebElement
print1=driver.findElement(By.xpath("//*[@id=\"checkout_summary_container\"]/div/div[2
]/div[8]"));
        System.out.println(print1.getText());


        String t1="Swag Labs";
        String t2="";
        t2=driver.getTitle();
        if(t1.equals(t2))
            System.out.println("Correct title");

        String url1="https://www.saucedemo.com/checkout-step-two.html";
        String url2="";
        url2=driver.getCurrentUrl();
        if(url1.equals(url2))
            System.out.println("Correct URL");




    }
 }
```

QUESTION-2:

TASK-1:

```java
package com.selenium.cc1q2;

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 t1{

        public static void main(String[] args){

                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.saucedemo.com/inventory.html");

                WebElement uname=driver.findElement(By.name("user-name"));

                WebElement pwd=driver.findElement(By.name("password"));

                WebElement submit=driver.findElement(By.name("login-button"));
```

```java
uname.sendKeys("standard_user");

pwd.sendKeys("secret_sauce");

submit.click();

WebElement sort1=driver.findElement(By.className("product_sort_container"));

sort1.click();

Select select=new Select(sort1);

select.selectByIndex(0);

System.out.println("Name(A-Z) filter is Applied");

select.selectByIndex(1);

System.out.println("Name(Z-A) filter is Applied");

    }

}
```

TASK-2:

```java
package com.selenium.cc1q2;

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 t2 {
        public static void main(String[] args){
                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.saucedemo.com/inventory.html");
                WebElement uname=driver.findElement(By.name("user-name"));
                WebElement pwd=driver.findElement(By.name("password"));
                WebElement submit=driver.findElement(By.name("login-button"));
```

```java
uname.sendKeys("standard_user");

pwd.sendKeys("secret_sauce");

submit.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("First product name in Name(A-Z) filter is "+fpo);

select.selectByIndex(1);

String fp1=driver.findElement(By.className("inventory_item_name")).getText();

System.out.println("First product name in Name(Z-A) filter is "+fp1);

        }

}
```

TASK-3:

```java
package com.selenium.cc1q2;

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 t3 {

    public static void main(String[] args){

        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.saucedemo.com/inventory.html");
        WebElement uname=driver.findElement(By.name("user-name"));
        WebElement pwd=driver.findElement(By.name("password"));
        WebElement submit=driver.findElement(By.name("login-button"));
        uname.sendKeys("standard_user");
        pwd.sendKeys("secret_sauce");
        submit.click();
        WebElement sort1=driver.findElement(By.className("product_sort_container"));
        sort1.click();
        Select select=new Select(sort1);
        select.selectByIndex(2);
        System.out.print("Price(low to high) filter is Applied");
```

```
        WebElement
sort2=driver.findElement(By.className("product_sort_container"))
;
        sort2.click();
        Select select1=new Select(sort2);
        select1.selectByIndex(3);
        System.out.print("Price(high to low) filter is
Applied");
    }

}
```

TASK-4:

```
package com.selenium.cc1q2;

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 t4 {

    public static void main(String[] args){

        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.saucedemo.com/inventory.html");
        WebElement uname=driver.findElement(By.name("user-
name"));
        WebElement
pwd=driver.findElement(By.name("password"));
        WebElement submit=driver.findElement(By.name("login-
button"));
        uname.sendKeys("standard_user");
        pwd.sendKeys("secret_sauce");
        submit.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")).getTe
xt();
        System.out.println("First product name in Price(low to
high) filter is "+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")).getTe
xt();
        System.out.println("First product name in Price(high
to low) filter is "+d2);


    }
}
```