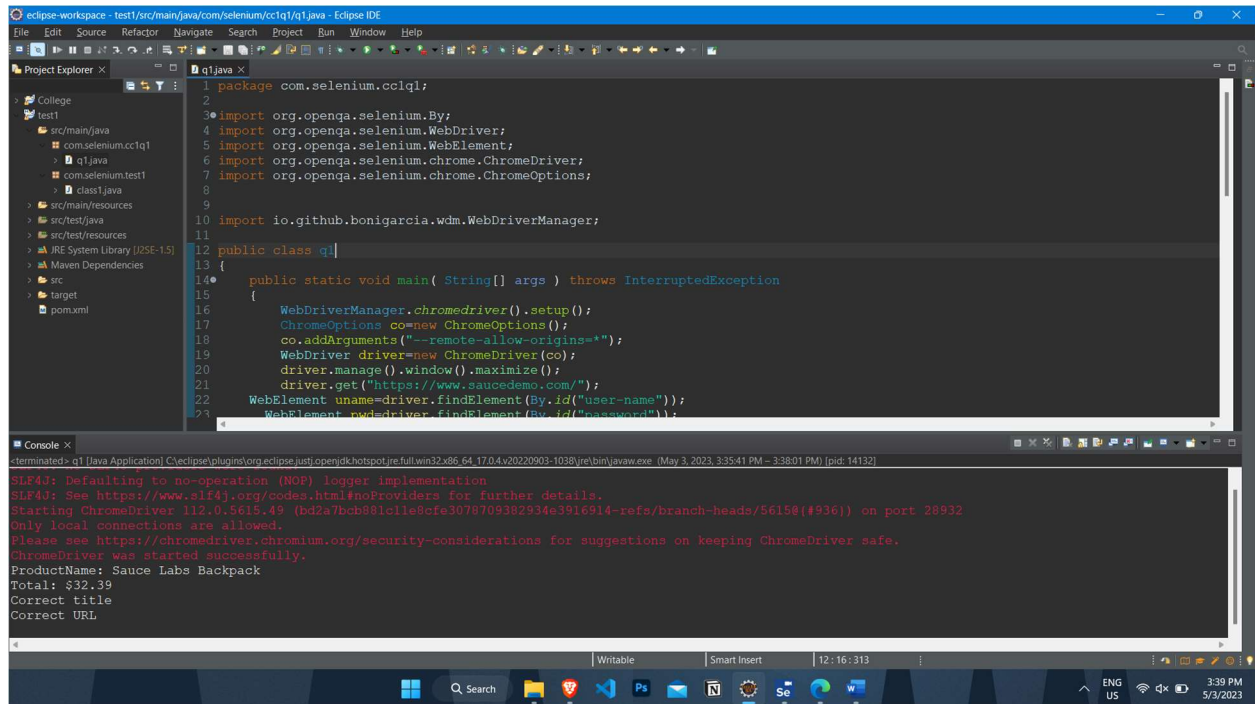


CC-1

QUESTION-1:



```
1 package com.selenium.cc1q1;
2
3 import org.openqa.selenium.By;
4 import org.openqa.selenium.WebDriver;
5 import org.openqa.selenium.WebElement;
6 import org.openqa.selenium.chrome.ChromeDriver;
7 import org.openqa.selenium.chrome.ChromeOptions;
8
9
10 import io.github.bonigarcia.wdm.WebDriverManager;
11
12 public class q1 {
13
14     public static void main( String[] args ) throws InterruptedException
15     {
16         WebDriverManager.chromedriver().setup();
17         ChromeOptions co=new ChromeOptions();
18         co.addArguments("--remote-allow-origins=*");
19         WebDriver driver=new ChromeDriver(co);
20         driver.manage().window().maximize();
21         driver.get("https://www.saucedemo.com/");
22         WebElement uname=driver.findElement(By.id("user-name"));
23         WebElement pwd=driver.findElement(By.id("password"));
```

```
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"));
```

```

        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:

```
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"));
```

```

        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");

    }
}

```

The screenshot displays the Eclipse IDE interface. The main editor window shows a Java file named `t1.java` with the following code:

```

1 package com.selenium.cclq2;
2
3 import org.openqa.selenium.By;
4 import org.openqa.selenium.WebDriver;
5 import org.openqa.selenium.WebElement;
6 import org.openqa.selenium.chrome.ChromeDriver;
7 import org.openqa.selenium.chrome.ChromeOptions;
8 import org.openqa.selenium.support.ui.Select;
9
10 import io.github.bonigarcia.wdm.WebDriverManager;
11
12 public class t1{
13
14     public static void main(String[] args){
15         WebDriverManager.chromedriver().setup();
16         ChromeOptions co=new ChromeOptions();
17         co.addArguments("--remote-allow-origins=*");
18         WebDriver driver =new ChromeDriver(co);
19         driver.manage().window().maximize();
20         driver.get("https://www.saucedemo.com/inventory.html");
21         WebElement uname=driver.findElement(By.name("user-name"));
22         WebElement pwd=driver.findElement(By.name("password"));
23         WebElement submit=driver.findElement(By.name("login-button"));

```

The left sidebar shows the Project Explorer with the file `t1.java` selected. The bottom console window displays the following output:

```

-terminated: t1 [Java Application] C:\eclipse\plugins\org.eclipse.jdt.launcher\org.eclipse.jdt.launcher.exe (May 3, 2023, 3:42:44 PM - 3:43:16 PM) [pid: 17704]
SLF4J: No SLF4J providers were found.
SLF4J: Defaulting to no-operation (NOP) logger implementation
SLF4J: See https://www.slf4j.org/codes.html#noProviders for further details.
Starting ChromeDriver 112.0.5615.49 (bd2a7bcb881c1e8cfe3078709382934e3916914-refs/branch-heads/56150{#936}) on port 19619
Only local connections are allowed.
Please see https://chromedriver.chromium.org/security-considerations for suggestions on keeping ChromeDriver safe.
ChromeDriver was started successfully.
Name (A-Z) filter is Applied
Name (Z-A) filter is Applied

```

The bottom status bar shows the time as 3:44 PM on 5/3/2023.

TASK-2:

```
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"));
```

```

        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);

    }

}

```

The screenshot shows the Eclipse IDE interface. The main editor displays a Java file named `t2.java` with the following code:

```

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"));
        uname.sendKeys("standard_user");
    }
}

```

The console output shows the following messages:

```

SLF4J: No SLF4J providers were found.
SLF4J: Defaulting to no-operation (NOP) logger implementation
SLF4J: See https://www.slf4j.org/codes.html#noProviders for further details.
Starting ChromeDriver 112.0.5615.49 (bd2a7bcb881c1e0cfe3078709382934e3916914-refs/branch-heads/56158(#936)) on port 3481
Only local connections are allowed.
Please see https://chromedriver.chromium.org/security-considerations for suggestions on keeping ChromeDriver safe.
ChromeDriver was started successfully.
First product name in Name(A-Z) filter is Sauce Labs Backpack
First product name in Name(Z-A) filter is Test.allTheThings() T-Shirt (Red)

```

TASK-3:

```
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");
}

}

```

The screenshot shows the Eclipse IDE with a project named 'College' and a test class 't3.java'. The code in 't3.java' is as follows:

```

10 import io.github.bonigarcia.wdm.WebDriverManager;
11
12 public class t3 {
13
14     public static void main(String[] args) {
15
16         WebDriverManager.chromedriver().setup();
17         ChromeOptions co=new ChromeOptions();
18         co.addArguments("--remote-allow-origins=*");
19         WebDriver driver =new ChromeDriver(co);
20         driver.manage().window().maximize();
21         driver.get("https://www.saucedemo.com/inventory.html");
22         WebElement uname=driver.findElement(By.name("user-name"));
23         WebElement pwd=driver.findElement(By.name("password"));
24         WebElement submit=driver.findElement(By.name("login-button"));
25         uname.sendKeys("standard_user");
26         pwd.sendKeys("secret_sauce");
27         submit.click();
28         WebElement sort1=driver.findElement(By.className("product_sort_container"));
29         sort1.click();
30         Select select=new Select(sort1);

```

The console output shows the following messages:

```

<terminated> t3 [Java Application] C:\eclipse\plugins\org.eclipse.justopenjdk\hotspot.jre.full.win32.x86_64.17.0.4.v20220903-1038\jre\bin\javaw.exe (May 3, 2023, 3:50:19 PM - 3:50:35 PM) [pid: 21000]
SLF4J: No SLF4J providers were found.
SLF4J: Defaulting to no-operation (NOP) logger implementation
SLF4J: See https://www.slf4j.org/codes.html#noProviders for further details.
Starting ChromeDriver 112.0.5615.49 (bd2a7bcb881c11e8cfe3078709382934e3916914-refs/branch-heads/56158(#936)) on port 26138
Only local connections are allowed.
Please see https://chromedriver.chromium.org/security-considerations for suggestions on keeping ChromeDriver safe.
ChromeDriver was started successfully.
Price(low to high) filter is AppliedPrice(high to low) filter is Applied

```


TASK-4:

```
package com.selenium.cclq2;

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);
```

