

1.

```
package ecommerce;
```

```
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;
```

```
public class qn1 {
```

```
    public static void main(String[] args) {
```

```
        // TODO Auto-generated method stub
```

```
        ChromeOptions co=new ChromeOptions();
```

```
        co.addArguments("--remote-allow-origins=*");
```

```
        WebDriver driver=new ChromeDriver(co);
```

```
        driver.get("https://www.saucedemo.com/");
```

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

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

```
        user.sendKeys("standard_user");
```

```
        WebElement pass = driver.findElement(By.id("password"));
```

```
        pass.sendKeys("secret_sauce");
```

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

```
        login.click();
```

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

    String cartCount =
driver.findElement(By.xpath("/html/body/div/div/div/div[1]/div[1]/div[3]/a/span")).getText();

driver.findElement(By.xpath("/html/body/div/div/div/div[1]/div[1]/div[3]/a")).click();

    String product = "Sauce Labs Backpack";

    driver.findElement(By.xpath("//*[@id=\"checkout\"]")).click();

    driver.findElement(By.xpath("//*[@id=\"first-name\"]")).sendKeys("ABCD");

    driver.findElement(By.xpath("//*[@id=\"last-name\"]")).sendKeys("X");

    driver.findElement(By.xpath("//*[@id=\"postal-code\"]")).sendKeys("12345");

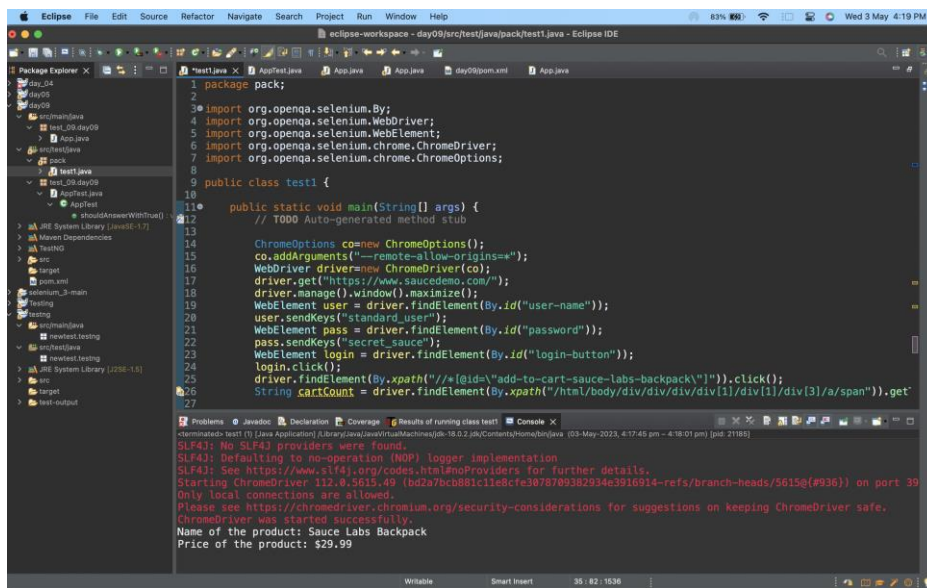
    driver.findElement(By.xpath("//*[@id=\"continue\"]")).click();

    System.out.println("Name of the product: " +
driver.findElement(By.xpath("/html/body/div/div/div/div[2]/div/div[1]/div[3]/div[2]/a/div")).getText());

    System.out.println("Price of the product: " +
driver.findElement(By.xpath("/html/body/div/div/div/div[2]/div/div[1]/div[3]/div[2]/div[2]/div")).getText());

    }

}
```



2.

Test2.java

```
package cc1;
```

```
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 cc1ques2 {
```

```
    public static void main(String[] args) throws InterruptedException {
```

```
        // TODO Auto-generated method stub
```

```
ChromeOptions co=new ChromeOptions();
co.addArguments ("--remote-allow-origins=*");
WebDriverManager.chromedriver().setup ();
WebDriver driver=new ChromeDriver(co);
driver.get ("https://www.saucedemo.com/");
driver.manage().window().maximize() ;

WebElement txtBox1=driver.findElement(By.xpath("//*[@id=\"user-
name\"]"));
txtBox1.sendKeys("standard_user");

WebElement txtBox2=driver.findElement(By.xpath("//*[@id=\"password\"]"));
txtBox2.sendKeys("secret_sauce");


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


String
txt1=driver.findElement(By.xpath("//*[@id=\"item_4_title_link\"]/div")).getTe
xt();

System.out.println(txt1);


driver.findElement(By.xpath("//*[@id=\"header_container\"]/div[2]/div/span/
select")).click();

driver.findElement(By.xpath("//*[@id=\"header_container\"]/div[2]/div/span/
select/option[2]")).click();

String
txt2=driver.findElement(By.xpath("//*[@id=\"item_3_title_link\"]/div")).getTe
xt();

System.out.println(txt2);

System.out.println("filter (A-Z and Z-A) used smoothly");
```

```
driver.findElement(By.xpath("//*[@id=\"header_container\"]/div[2]/div/span/  
select")).click();
```

```
driver.findElement(By.xpath("//*[@id=\"header_container\"]/div[2]/div/span/  
select/option[3]")).click();
```

String

```
txt3=driver.findElement(By.xpath("//*[@id=\"inventory_container\"]/div/div[1  
]/div[2]/div[2]/div")).getText();
```

```
System.out.println(txt3);
```

```
driver.findElement(By.xpath("//*[@id=\"header_container\"]/div[2]/div/span/  
select")).click();
```

```
driver.findElement(By.xpath("//*[@id=\"header_container\"]/div[2]/div/span/  
select/option[4]")).click();
```

String

```
txt4=driver.findElement(By.xpath("//*[@id=\"inventory_container\"]/div/div[1  
]/div[2]/div[2]/div")).getText();
```

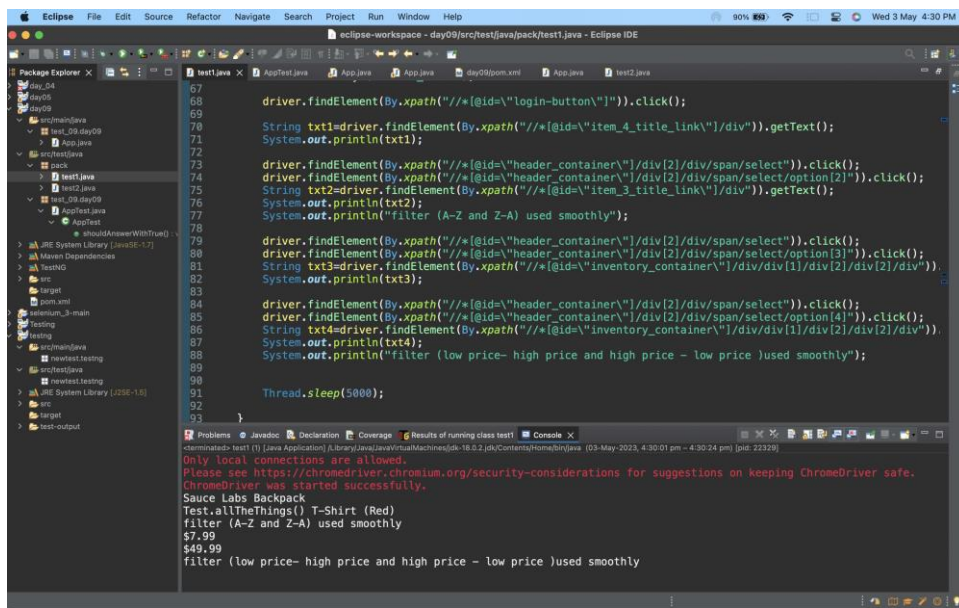
```
System.out.println(txt4);
```

```
System.out.println("filter (low price- high price and high price - low price )used  
smoothly");
```

```
Thread.sleep(5000);
```

```
}
```

```
}
```



The screenshot shows the Eclipse IDE interface. The Package Explorer on the left displays a project structure with folders like 'src' and 'test'. The main editor window shows a Java file named 'test1.java' with Selenium WebDriver code. The code includes actions like clicking on a login button, finding and clicking on dropdown menus, and printing the text of selected items. The console at the bottom shows the output of the test, including the text of the selected items and a confirmation message.

```
67 driver.findElement(By.xpath("//*[id='login-button']")).click();
68
69
70 String txt1=driver.findElement(By.xpath("//*[id='item_4_title_link']/div")).getText();
71 System.out.println(txt1);
72
73 driver.findElement(By.xpath("//*[id='header_container']/div[2]/div/span/select")).click();
74 driver.findElement(By.xpath("//*[id='header_container']/div[2]/div/span/select/option[2]")).click();
75 String txt2=driver.findElement(By.xpath("//*[id='item_3_title_link']/div")).getText();
76 System.out.println(txt2);
77 System.out.println("filter (A-Z and Z-A) used smoothly");
78
79 driver.findElement(By.xpath("//*[id='header_container']/div[2]/div/span/select")).click();
80 driver.findElement(By.xpath("//*[id='header_container']/div[2]/div/span/select/option[3]")).click();
81 String txt3=driver.findElement(By.xpath("//*[id='inventory_container']/div/div[1]/div[2]/div[2]/div")).
82 System.out.println(txt3);
83
84 driver.findElement(By.xpath("//*[id='header_container']/div[2]/div/span/select")).click();
85 driver.findElement(By.xpath("//*[id='header_container']/div[2]/div/span/select/option[4]")).click();
86 String txt4=driver.findElement(By.xpath("//*[id='inventory_container']/div/div[1]/div[2]/div[2]/div")).
87 System.out.println(txt4);
88 System.out.println("filter (low price- high price and high price - low price )used smoothly");
89
90 Thread.sleep(5000);
91
92
93 }
```

terminated: test1 (1) [Java Application] /Library/Java/JavaVirtualMachines/dde-18.0.2-jdk/Contents/Home/bin/java (03-May-2023, 4:30:01 pm - 4:30:24 pm) [pid: 22328]

Only local connections are allowed.  
Please see <https://chromedriver.chromium.org/security-considerations> for suggestions on keeping ChromeDriver safe.  
ChromeDriver was started successfully.  
Sauce Labs Backpack  
Test.allTheThings() T-Shirt (Red)  
filter (A-Z and Z-A) used smoothly  
\$7.99  
\$49.99  
filter (low price- high price and high price - low price )used smoothly