**package** DemoAuto;

**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.support.ui.Select;

**import** org.testng.Assert;

**import** org.testng.annotations.AfterMethod;

**import** org.testng.annotations.BeforeClass;

**import** org.testng.annotations.BeforeMethod;

**import** org.testng.annotations.Test;

**public** **class** saucedemo3 {

WebDriver driver;

**private** LoginPage loginPage;

**private** ItemSortPage itemSortPage;

@BeforeClass

**public** **void** setup() {

SSystem.setProperty("webdriver.chrome.driver",

"C:\\seleniumTemp\\ChromeDriver\\chromedriver.exe");

driver = **new** ChromeDriver();

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

driver.manage().timeouts().implicitlyWait (5, TimeUnit.Seconds);

driver.get("https://www.saucedemo.com/v1/");

loginPage = **new** LoginPage(driver);

itemSortPage = **new** ItemSortPage(driver);

}

@Test

**public** **void** testSorting() {

loginPage.enterUsername("standard\_user");

loginPage.enterPassword("secret\_sauce");

loginPage.clickLoginButton();

itemSortPage.selectSortOption("Price (high to low)");

**double** firstItemPrice = itemSortPage.getItemPrice(1);

**double** secondItemPrice = itemSortPage.getItemPrice(2);

Assert.assertTrue(firstItemPrice > secondItemPrice, "The first item price is not higher than second item price");

}

@AfterMethod

**public** **void** teardown() {

driver.quit();

}

}