

CC 1

QUESTION 1:

```
package com.CC.CCTest;
import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.chrome.ChromeDriver;
import org.openqa.selenium.chrome.ChromeOptions;
import io.github.bonigarcia.wdm.WebDriverManager;
public class Question1 {
    public static void main(String[] args) {
        ChromeOptions co=new ChromeOptions();
        co.addArguments("--remote-allow-origins=*");
        WebDriverManager.chromedriver().setup();
        WebDriver driver=new ChromeDriver(co);
        System.out.println("QUESTION 1");
        System.out.println("-----\n");
        driver.navigate().to("https://www.saucedemo.com/");
        driver.manage().window().maximize();

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

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

        //tc1
        System.out.print("TestCase 1 : Add to cart : ");
        String
        productInWeb=driver.findElement(By.xpath("//*[@id=\"item_4_title_link\"]/div")).getText(
        );

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

        if(driver.findElement(By.xpath("//*[@id=\"remove-sauce-labs-backpack\"]")).getText().equ
        als("Remove"))
            System.out.println("Passed ");
        else
            System.out.println("Failed");

        //tc2
        System.out.print("TestCase 2 : Cart Verification : ");

        driver.findElement(By.xpath("//*[@id=\"shopping_cart_container\"]/a")).click();
        String
        productInCart=driver.findElement(By.xpath("//*[@id=\"item_4_title_link\"]/div")).getText
        (
        );
```

```

        if(productInWeb.equals(productInCart))
            System.out.println("Passed ");
        else
            System.out.println("Failed");

        //tc3
        System.out.print("TestCase 3 : Check Out Button : ");
        driver.findElement(By.xpath("//*[@id=\"checkout\"]")).click();

        if(driver.findElement(By.xpath("//*[@id=\"header_container\"]/div[2]/span")).getText().contains("Your Information"))
            System.out.println("Passed ");
        else
            System.out.println("Failed");

        //tc4
        System.out.print("TestCase 4 : Product Overview Page : ");
        driver.findElement(By.xpath("//*[@id=\"first-name\"]")).sendKeys("Vinaya");
        driver.findElement(By.xpath("//*[@id=\"last-name\"]")).sendKeys("SV");

        driver.findElement(By.xpath("//*[@id=\"postal-code\"]")).sendKeys("641025");
        driver.findElement(By.xpath("//*[@id=\"continue\"]")).click();
        String
        productInOverview=driver.findElement(By.xpath("//*[@id=\"item_4_title_link\"]/div")).getText();

        if(productInOverview.equals(productInWeb))
            System.out.println("Passed ");
        else
            System.out.println("Failed");

        //tc5
        System.out.print("TestCase 5 : Printing product name and price : ");
        System.out.print(productInOverview+" :
"+driver.findElement(By.xpath("//*[@id=\"checkout_summary_container\"]/div/div[1]/div[3]/div[2]/div[2]/div")).getText());
        System.out.println(" : Passed");

        //tc6
        System.out.print("TestCase 6 : Title Verification : ");
        if(driver.getTitle().equals("Swag Labs"))
            System.out.println("Passed ");
        else
            System.out.println("Failed");

        //tc7
        System.out.print("TestCase 7 : URL Verification : ");

```

```
if(driver.getCurrentUrl().equals("https://www.saucedemo.com/checkout-step-two.html"))
    System.out.println("Passed ");
else
    System.out.println("Failed");

}

}
```

Problems Javadoc Declaration Console × Progress Results of running class ClassExercise3

<terminated> Question1 (1) [Java Application] C:\Program Files\Java\jdk-17\bin\javaw.exe (13-Apr-2023, 11:44:34 am – 11:44:49 am) [t

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
Only local connections are allowed.
Please see <https://chromedriver.chromium.org/security-considerations> for suggestions on k
ChromeDriver was started successfully.
Apr 13, 2023 11:44:39 AM org.openqa.selenium.devtools.CdpVersionFinder findNearestMatch
WARNING: Unable to find an exact match for CDP version 112, so returning the closest vers
QUESTION 1

TestCase 1 : Add to cart : Passed
TestCase 2 : Cart Verification : Passed
TestCase 3 : Check Out Button : Passed
TestCase 4 : Product Overview Page : Passed
TestCase 5 : Printing product name and price : Sauce Labs Backpack : \$29.99 : Passed
TestCase 6 : Title Verification : Passed
TestCase 7 : URL Verification : Passed

QUESTION 2:

```
package com.CC.CCTest;
import java.util.Collections;
import java.util.List;
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 Question2 {
    public static void main(String[] args) {
        ChromeOptions co=new ChromeOptions();
        co.addArguments("--remote-allow-origins=*");
        WebDriverManager.chromedriver().setup();
        WebDriver driver=new ChromeDriver(co);
        System.out.println("QUESTION 2");
        System.out.println("-----\n");
        driver.navigate().to("https://www.saucedemo.com/");
        driver.manage().window().maximize();

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

        driver.findElement(By.xpath("//*[@id=\"password\"]")).sendKeys("secret_sauce");
        driver.findElement(By.xpath("//*[@id=\"login-button\"]")).click();
        //tc1
        System.out.print("TestCase 1 : Filter Verification : ");
        Select select=new
Select(driver.findElement(By.xpath("//*[@id=\"header_container\"]/div[2]/div/span/select
"))));

        select.selectByVisibleText("Name (A to Z)");
        List<WebElement>
list=driver.findElements(By.xpath("//div[@class=\"inventory_item_name\"]"));
        Boolean passed=true;

        for(int i=0;i<list.size()-1;i++) {
            if(list.get(i).getText().charAt(0)>list.get(i+1).getText().charAt(0))
                passed=false;
        }
        if(passed)
            System.out.println("Passed");
        else
            System.out.println("Failed");
        System.out.println();
    }
}
```

```

        //tc2
        System.out.println("TestCase 2 : First Product Names ");
        System.out.println("                A-Z Filter : "+list.get(0).getText());
        select=new
Select(driver.findElement(By.xpath("//*[@id=\"header_container\"]/div[2]/div/span/select
"))));
        select.selectByVisibleText("Name (Z to A)");

list=driver.findElements(By.xpath("//div[@class=\"inventory_item_name\"]"));
        System.out.println("                Z-A Filter : "+list.get(0).getText());
        System.out.println();

        //tc3_1
        System.out.println("TestCase 3 : Filter By Price Verification : ");
        select=new
Select(driver.findElement(By.xpath("//*[@id=\"header_container\"]/div[2]/div/span/select
"))));
        select.selectByVisibleText("Price (low to high)");
        List<WebElement>
listOfCost1=driver.findElements(By.xpath("//div[@class=\"inventory_item_price\"]"));
        passed=true;

        for(int i=0;i<listOfCost1.size()-1;i++) {

if(Float.parseFloat(listOfCost1.get(i).getText().substring(1))>Float.parseFloat(listOfCo
st1.get(i+1).getText().substring(1)))
                passed=false;
        }
        System.out.print("                Low To High : ");
        if(passed)
                System.out.println("Passed");
        else
                System.out.println("Failed");
        System.out.println();

        //tc3_2
        select=new
Select(driver.findElement(By.xpath("//*[@id=\"header_container\"]/div[2]/div/span/select
"))));
        select.selectByVisibleText("Price (high to low)");
        List<WebElement>
listOfCost2=driver.findElements(By.xpath("//div[@class=\"inventory_item_price\"]"));
        passed=true;

        for(int i=0;i<listOfCost2.size()-1;i++) {

if(Float.parseFloat(listOfCost2.get(i).getText().substring(1))<Float.parseFloat(listOfCo

```

```

st2.get(i+1).getText().substring(1)))
                passed=false;
            }
            System.out.print("                High To Low : ");
            if(passed)
                System.out.println("Passed");
            else
                System.out.println("Failed");
            System.out.println();
            //tc4
            System.out.println("TestCase 4 : First Product Prices");
            System.out.println("                Low to High : 
"+listOfCost1.get(0).getText());
            System.out.println("                High to Low : 
"+listOfCost2.get(0).getText());

        }
    }
}

```

Problems Javadoc Declaration Console × Progress Results of running class ClassExercise3

<terminated> Question2 (1) [Java Application] C:\Program Files\Java\jdk-17\bin\javaw.exe (13-Apr-2023, 12:17:34 pm – 12:17:42 pm) [pi

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-h
 Only local connections are allowed.
 Please see <https://chromedriver.chromium.org/security-considerations> for suggestions on kee
 ChromeDriver was started successfully.
 Apr 13, 2023 12:17:38 PM org.openqa.selenium.devtools.CdpVersionFinder findNearestMatch
 WARNING: Unable to find an exact match for CDP version 112, so returning the closest versio

QUESTION 2

TestCase 1 : Filter Verification : Passed

TestCase 2 : First Product Names
 A-Z Filter : Sauce Labs Backpack
 Z-A Filter : Test.allTheThings() T-Shirt (Red)

TestCase 3 : Filter By Price Verification :
 Low To High : Passed

 High To Low : Passed

TestCase 4 : First Product Prices
 Low to High : \$7.99
 High to Low : \$49.99