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SOFTWARE TESTING CC-1

QUESTION 1:

CODE:

```
package CC1;
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 q1 {
    public static void main(String[] args) {
        ChromeOptions co=new ChromeOptions();
        co.addArguments ("--remote-allow-origins=*");
        WebDriverManager.chromedriver().setup ();
        WebDriver driver=new ChromeDriver();
        driver.get ("https://www.saucedemo.com/");

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

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

        driver.findElement(By.xpath("//*[@id=\"add-to-cart-sauce-labs-backpack\"]"))
).click();
        String initial =
        driver.findElement(By.xpath("//*[@id=\"item_4_title_link\"]/div")).getText(
);

        driver.findElement(By.xpath("//*[@id=\"shopping_cart_container\"]/a")).clie
k();
        String cart =
        driver.findElement(By.xpath("//*[@id=\"item_4_title_link\"]/div")).getText(
);
        if(cart.equals(initial)) {
            System.out.println("successfully product added to the cart");
        }
        else {
```

```

        System.out.println("oops");
    }
    String check_cart =
driver.findElement(By.xpath("//*[@id=\"continue-shopping\"]")).getText();
    System.out.println(check_cart);
    if(check_cart.equals("Continue Shopping")) {
        System.out.println("hey ! cart is open smoothly ");
    }
    else {
        System.out.println("oops");
    }
    driver.findElement(By.xpath("//*[@id=\"checkout\"]")).click();
    String checkout =
driver.findElement(By.xpath("//*[@id=\"header_container\"]/div[2]/span")).g
etText();
    if(checkout.equals("Checkout: Your Information")) {
        System.out.println("my information displayed");
    }
    else {
        System.out.println("oops");
    }
}

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

driver.findElement(By.xpath("//*[@id=\"postal-code\"]")).sendKeys("641008")
;
    driver.findElement(By.xpath("//*[@id=\"continue\"]")).click();
    String product_name =
driver.findElement(By.xpath("//*[@id=\"item_4_title_link\"]/div")).getText(
);
    String product_price =
driver.findElement(By.xpath("//*[@id=\"item_4_title_link\"]/div")).getText(
);
    if(product_name.equals(cart)) {
        System.out.println("entire product overview is displayed");
        System.out.println("product Name"+product_name);
        System.out.println("product price"+product_price);
    }
    else {
        System.out.println(cart);
        System.out.println(product_name);
    }
    String title = driver.getTitle();
    if(title.equals("Swag Labs")) {
        System.out.println("title matched");
    }
    else {
        System.out.println("title mismatched");
    }
}

if(driver.getCurrentUrl().equals("https://www.saucedemo.com/checkout-step-t
wo.html")) {
    System.out.println("url matched");
}
}

```

```

        else {
            System.out.println("url mismatched");
        }
    }
}

```

OUTPUT:

```

}
}
}

<terminated> q1 [Java Application] C:\Program Files\Java\jdk-17\bin\javaw.exe (03-May-2023, 3:47:50 pm - 3:50:25 pm) [pid: 6784]
Chromedriver was started successfully.
successfully product added to the cart
Continue Shopping
hey ! cart is open smoothly
my information displayed
entire product overview is displayed
product NameSauce Labs Backpack
product priceSauce Labs Backpack
title matched
url matched

```

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.

ERROR StatusLogger Log4j2 could not find a logging implementation. Please add log4j-core to the classpath.

Using SimpleLogger to log to the console...

Starting ChromeDriver 112.0.5615.49

(bd2a7bcb881c11e8cfe3078709382934e3916914-refs/branch-heads/5615@{#936}) on port 35678

Only local connections are allowed.

Please see <https://chromedriver.chromium.org/security-considerations> for suggestions on keeping ChromeDriver safe.

ChromeDriver was started successfully.

successfully product added to the cart

Continue Shopping

hey ! cart is open smoothly

my information displayed

entire product overview is displayed

product NameSauce Labs Backpack

product priceSauce Labs Backpack

title matched

url matched

QUESTION: 2

CODE:

```
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 q2 {
    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
")).getText();
        System.out.println(txt1);

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

        driver.findElement(By.xpath("//*[@id=\"header_container\"]/div[2]/di
v/span/select/option[2]")).click();
        String
txt2=driver.findElement(By.xpath("//*[@id=\"item_3_title_link\"]/div
")).getText();
        System.out.println(txt2);
        System.out.println("filter A to Z & Z to A successfully
verified");

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

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

```

        String
txt3=driver.findElement(By.xpath("//*[@id=\"item_2_title_link\"]/div
")).getText();
        System.out.println(txt3);

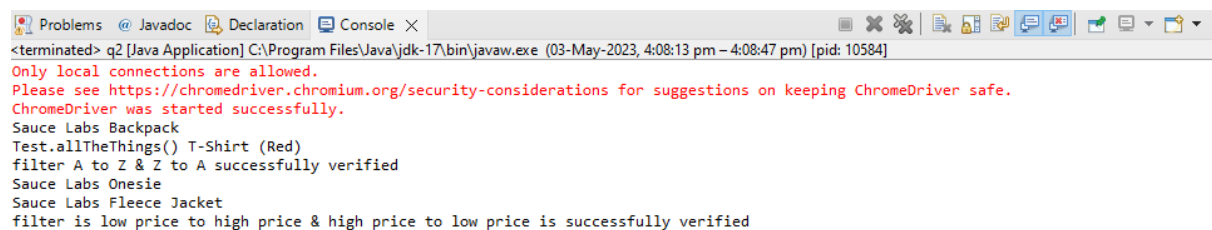
driver.findElement(By.xpath("//*[@id=\"header_container\"]/div[2]/di
v/span/select")).click();

driver.findElement(By.xpath("//*[@id=\"header_container\"]/div[2]/di
v/span/select/option[4]")).click();
        String
txt4=driver.findElement(By.xpath("//*[@id=\"item_5_title_link\"]/div
")).getText();
        System.out.println(txt4);
        System.out.println("filter is low price to high price &
high price to low price is successfully verified");

        Thread.sleep(5000);
    }
}

```

OUTPUT:



```

<terminated> q2 [Java Application] C:\Program Files\Java\jdk-17\bin\javaw.exe (03-May-2023, 4:08:13 pm - 4:08:47 pm) [pid: 10584]
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 to Z & Z to A successfully verified
Sauce Labs Onesie
Sauce Labs Fleece Jacket
filter is low price to high price & high price to low price is successfully verified

```

SLF4J: No SLF4J providers were found.

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ERROR StatusLogger Log4j2 could not find a logging implementation. Please add log4j-core to the classpath.

Using SimpleLogger to log to the console...

Starting ChromeDriver 112.0.5615.49

(bd2a7bcb881c11e8cfe3078709382934e3916914-refs/branch-heads/5615@{#936}) on port 6467

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 to Z & Z to A successfully verified

Sauce Labs Onesie

Sauce Labs Fleece Jacket

filter is low price to high price & high price to low price is successfully verified