CC1 SELENIUM:

Question 1:

Code:

```
package com.test.test;

import org.openqa.selenium.By;
import org.openqa.selenium.Keys;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.firefox.FirefoxDriver;
import org.openqa.selenium.interactions.Actions;

import io.github.bonigarcia.wdm.WebDriverManager;

public class App {
public static void main( String[] args ) throws InterruptedException
    {
        WebDriverManager.firefoxdriver().setup();
        WebDriver driver = new FirefoxDriver();
        driver.manage().window().maximize();
        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();
        driver.findElement(By.xpath("//*[@id=\"add-to-cart-sauce-labs-backpack\"]")).click();
        String cartNum =
driver.findElement(By.xpath("/html/body/div/div/div/div[1]/div[1]/div[3]/a/span")).getText();
        if (cartNum.equals("1")) {
        System.out.println("Added to cart successfully");
        }
        driver.findElement(By.xpath("/html/body/div/div/div/div[1]/div[1]/div[3]/a")).click();
        String prodStr = "Sauce Labs Backpack";

if(driver.findElement(By.xpath("/html/body/div/div/div/div[2]/div/div[1]/div[3]/div[2]/a/div")).getText(
).equals(prodStr));
        {
        System.out.println("User can view the contents of the cart");
```
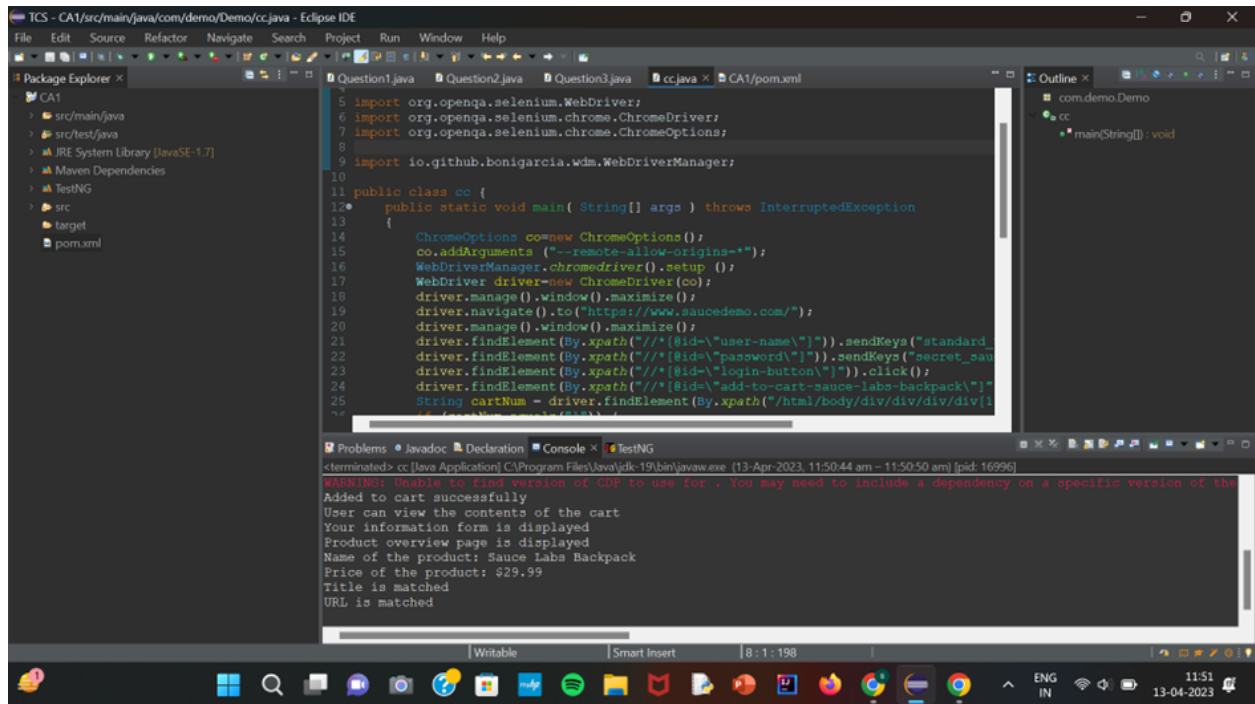
```java
    }
    driver.findElement(By.xpath("//*[@id=\"checkout\"]")).click();

if(driver.findElement(By.xpath("/html/body/div/div/div/div[1]/div[2]/span")).getText().equals("Chec
kout: Your Information")) {
    System.out.println("Your information form is displayed");
    }
    driver.findElement(By.xpath("//*[@id=\"first-name\"]")).sendKeys("Rishikesh");
    driver.findElement(By.xpath("//*[@id=\"last-name\"]")).sendKeys("S");
    driver.findElement(By.xpath("//*[@id=\"postal-code\"]")).sendKeys("641008");
    driver.findElement(By.xpath("//*[@id=\"continue\"]")).click();

if(driver.findElement(By.xpath("/html/body/div/div/div/div[1]/div[2]/span")).getText().equals("Chec
kout: Overview")) {
    System.out.println("Product overview page is displayed");
    }
    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")).getTe
xt());
    if(driver.getTitle().equals("Swag Labs")) {
    System.out.println("Title is matched");
    }
    if(driver.getCurrentUrl().equals("https://www.saucedemo.com/checkout-step-two.html")) {
    System.out.println("URL is matched");
    }
  }
}
```

Output:

question:2

Code:

```java
package porm.test.demo;
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 CC1Q2 {

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 txtBoxl=driver.findElement(By.xpath("//*[@id=\"user-name\"]"));
txtBoxl.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]/div/span/select")).click();
driver.findElement(By.xpath("//*[@id=\"header_container\"]/div[2]/div/span/select/option[2]")).clic
k();
String txt2=driver.findElement(By.xpath("//*[@id=\"item_3_title_link\"]/div")).getText();
System.out.println(txt2);

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]")).clic
k();
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]/div/span/select")).click();
driver.findElement(By.xpath("//*[@id=\"header_container\"]/div[2]/div/span/select/option[4]")).clic
k();
String txt4=driver.findElement(By.xpath("//*[@id=\"item_5_title_link\"]/div")).getText();
System.out.println(txt4);

Thread.sleep(5000);

}

}
```

Output:

File   Edit   Source   Refactor   Navigate   Search   Project   Run   Window   Help

Package Explorer ×

- CA1
  - src/main/java
    - com.demo.Demo
      - cc.java
      - cc2.java
      - day7.java
      - Question1.java
      - Question2.java
      - Question3.java
    - com.testing
  - src/test/java
  - JRE System Library [JavaSE-1.7]
  - Maven Dependencies
  - TestNG
  - src
  - target
  - pom.xml

Question1.java   Question2.java   Question3.java   cc.java   **cc2.java ×**

```java
1  package com.demo.Demo;
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  import io.github.bonigarcia.wdm.WebDriverManager;
10
11 public class cc2 {
12
13     public static void main(String[] args) throws InterruptedException {
14         // TODO Auto-generated method stub
15         ChromeOptions co=new ChromeOptions();
16         co.addArguments ("--remote-allow-origins=*");
17         WebDriverManager.chromedriver().setup ();
18         WebDriver driver=new ChromeDriver(co);
19         driver.get ("https://www.saucedemo.com/");
20         driver.manage().window().maximize() ;
21         WebElement txtBox1=driver.findElement(By.xpath("//*[@id=\"user-name\"]"));
22         txtBox1.sendKeys("standard_user");
```

Outline ×
- com.demo.Demo
  - cc2

Problems   Javadoc   Declaration   **Console ×**   TestNG

<terminated> cc2 [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (13-Apr-2023, 11:55:15 am – 11:55:25 am) [pid: 23556]
ChromeDriver was started successfully.
Apr 13, 2023 11:55:17 AM org.openqa.selenium.devtools.CdpVersionFinder findNearestMatch
WARNING: Unable to find CDP implementation matching 111
Apr 13, 2023 11:55:17 AM org.openqa.selenium.chromium.ChromiumDriver lambdanew3
WARNING: Unable to find version of CDP to use for . You may need to include a dependency on a specific version of the
Sauce Labs Backpack
Test.allTheThings() T-Shirt (Red)
Sauce Labs Onesie
Sauce Labs Fleece Jacket

Writable   Smart Insert   1 : 12 : 11