

**CA:1**

**QUESTION:1**

**CODE:**

```
package com.selenium.day4;

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 CC2_1 {

    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();
        driver.get("https://www.amazon.in/");
        Thread.sleep(2000);
        driver.manage().window().maximize();

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

        driver.findElement(By.xpath("//*[@id=\"twotabsearchtextbox\"]")).sendKeys("girls
churthi");

        driver.findElement(By.xpath("//*[@id=\"nav-search-submit-button\"]")).click();
        Thread.sleep(2000);
```

```
driver.navigate().to("https://www.amazon.in/dp/B09LYB8PFM/ref=redir_mobile_desktop?_encoding=UTF8&aaxitk=ad10ce36c2def2552d0a5ad9da8c5003&content-id=amzn1.sym.df4bf09f-d6a1-4ca3-98bc-ee2a82b34bf9%3Aamzn1.sym.df4bf09f-d6a1-4ca3-98bc-ee2a82b34bf9&hsa_cr_id=7038386500502&pd_rd_plhdr=t&pd_rd_r=8bd2e053-c9e5-4a45-a277-6b50f582e7df&pd_rd_w=jzRIM&pd_rd_wg=ojXVt&qid=1683180546&ref_=sbx_be_s_sparkle_lsi4d_asin_0_img&sr=1-1-e0fa1fdd-d857-4087-adda-5bd576b25987&th=1&psc=1") ;
```

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

```
    WebElement
```

```
    cart=driver.findElement(By.xpath("//*[@id=\"nav-cart-count\"]"));
```

```
        if(cart.getText().equals("1")) {
```

```
            System.out.print("Added to cart is working successfully\n");
```

```
        }else {
```

```
            System.out.print("Added to cart is not working successfully");
```

```
        }
```

```
        Thread.sleep(2000);
```

```
driver.navigate().to("https://www.amazon.in/gp/cart/view.html?ref_=nav_cart");
```

```
driver.findElement(By.xpath("//*[@id=\"a-autoid-0\"]")).click();
```

```
driver.findElement(By.xpath("//*[@id=\"quantity_2\"]")).click();
```

```
    Thread.sleep(2000);
```

```
    WebElement
```

```
    cart1=driver.findElement(By.xpath("//*[@id=\"nav-cart-count\"]"));
```

```
        if(cart1.getText().equals("2")) {
```

```
            System.out.print("Updating cart is working  
successfully\n");
```

```
        }else {
```

```
            System.out.print("Updating cart is not working  
successfully");
```

```
        }
```

```
        Thread.sleep(2000);
```

## WebElement

```
cart2=driver.findElement(By.xpath("/html/body/div[1]/div[2]/div[3]/div[5]/div/div[2]/div[1]/div/form/div[2]/div[3]/div[4]/div/div[2]/div[1]/span[1]/span/span[1]/span/span/span/span/span[2]"));

        if(cart2.getText().equals("0")) {
            System.out.print("Removing from cart is working
successfully");
        }else {
            System.out.print("Removing from cart is not working
successfully");
        }
        driver.quit();
    }
}
```

```
<terminated> CC21 [Java Application] C:\Users\user\p2\pool\plugins\org.eclipse.justi.openjdk.hotspot.jre.full.win32.x86_64_17.0.4.v20221004-1257\jre\bin\javaw.exe (May 4, 2023, 4:10:10 PM)
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 29456
Only local connections are allowed.
Please see https://chromedriver.chromium.org/security-considerations for suggestions on keeping ChromeDriver safe.
ChromeDriver was started successfully.
Added to cart is working successfully
Updating cart is working successfully
Removing from cart is working successfully
Activate Windows
Go to Settings to activate Windows.
```

## QUESTION:2

### CODE:

```
package com.selenium.day4;
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;
import org.openqa.selenium.JavascriptExecutor;
```

```

public class CC2_2 {

    public static void main(String[] args) throws InterruptedException {
        // TODO Auto-generated method stub

        WebDriverManager.chromedriver().setup();
        ChromeOptions co=new ChromeOptions();
        co.addArguments("--remote-allow-origins=*");

        WebDriver driver=new ChromeDriver(co);

        driver.get("https://www.amazon.in/?_encoding=UTF8&ref_=nav_custrec_newcust
&");

        driver.manage().window().maximize();
        Thread.sleep(3000);

        JavascriptExecutor js = (JavascriptExecutor) driver;

        js.executeScript("window.scrollTo(0,1000)","");
        WebElement fn=
driver.findElement(By.xpath("//*[@id=\"twotabsearchtextbox\"]"));
        fn.sendKeys("fan");
        WebElement sub3=
driver.findElement(By.xpath("//*[@id=\"nav-search-submit-button\"]"));
        sub3.click();

        WebElement str=
driver.findElement(By.xpath("//*[@id=\"search\"]/div[1]/div[1]/div/span[1]/div[1]/div[
3]/div/div/div/div/div/div/div/div/div[2]/div/div/div[1]/h2/a/span"));
        System.out.println(str.getText());
        WebElement str1=
driver.findElement(By.xpath("//*[@id=\"search\"]/div[1]/div[1]/div/span[1]/div[1]/div[
4]/div/div/div/div/div/div/div/div/div[2]/div/div/div[1]"));
        System.out.println(str1.getText());
    }
}

```

```

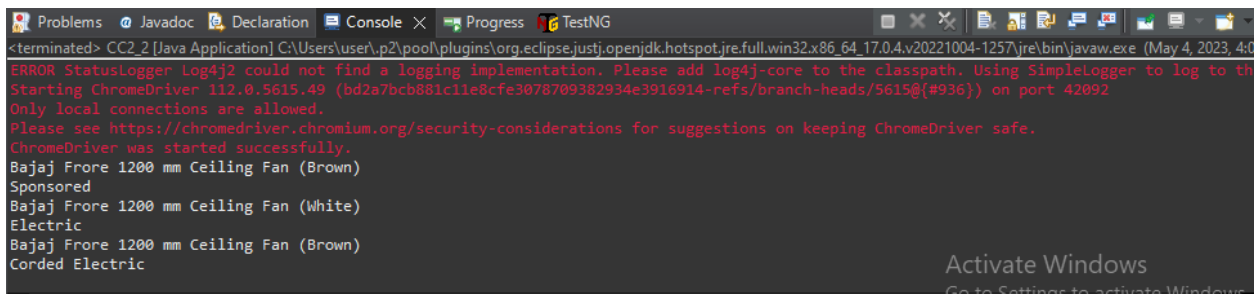
        WebElement str2=
driver.findElement(By.xpath("//*[@id=\"search\"]/div[1]/div[1]/div/span[1]/div[1]/div[
5]/div/div/div/div/div/div[2]/div/div/div[1]/h2/a/span"));
        System.out.println(str2.getText());
        WebElement str3=
driver.findElement(By.xpath("//*[@id=\"search\"]/div[1]/div[1]/div/span[1]/div[1]/div[
6]/div/div/div/div/div/div[2]/div/div/div[1]/div/div"));
        System.out.println(str3.getText());
        WebElement sub4=
driver.findElement(By.xpath("//*[@id=\"a-autoid-0-announce\"]"));

        sub4.click();

    }

}

```



```

<terminated> CC2_2 [Java Application] C:\Users\user\p2\pool\plugins\org.eclipse.justi.openjdk.hotspot.jre.full.win32.x86_64_17.0.4.v20221004-1257\jre\bin\javaw.exe (May 4, 2023, 4:0
ERROR StatusLogger Log4j2 could not find a logging implementation. Please add log4j-core to the classpath. Using SimpleLogger to log to th
Starting ChromeDriver 112.0.5615.49 (bd2a7bcb881c11e8cfe3078709382934e3916914-refs/branch-heads/5615@{#936}) on port 42092
Only local connections are allowed.
Please see https://chromedriver.chromium.org/security-considerations for suggestions on keeping ChromeDriver safe.
ChromeDriver was started successfully.
Bajaj Frore 1200 mm Ceiling Fan (Brown)
Sponsored
Bajaj Frore 1200 mm Ceiling Fan (White)
Electric
Bajaj Frore 1200 mm Ceiling Fan (Brown)
Corded Electric
Activate Windows
Go to Settings to activate Windows.

```

### **QUESTION:3**

#### **CODE:**

```

package com.selenium.day4;

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 CC2_3 {

    public static void main(String[] args) {
        // TODO Auto-generated method stub
        ChromeOptions co=new ChromeOptions();
        co.addArguments("--remote-allow-origins=*");
        WebDriverManager.chromedriver().setup();
        WebDriver driver=new ChromeDriver();

        driver.get("https://www.amazon.in/ap/signin?openid.pape.max_auth_age=0&openid.return_to=https%3A%2F%2Fwww.amazon.in%2F%3Fref_%3Dnav_ya_signin&openid.identity=http%3A%2F%2Fspecs.openid.net%2Fauth%2F2.0%2Fidentifier_select&openid.assoc_handle=inflex&openid.mode=checkid_setup&openid.claimed_id=http%3A%2F%2Fspecs.openid.net%2Fauth%2F2.0%2Fidentifier_select&openid.ns=http%3A%2F%2Fspecs.openid.net%2Fauth%2F2.0&");
        driver.findElement(By.xpath("//*[@id=\"ap_email\"]")).click();
        driver.manage().window().maximize();
        driver.findElement(By.xpath("//*[@id=\"ap_email\"]")).sendKeys("8838752781");
        driver.findElement(By.xpath("//*[@id=\"continue\"]")).click();
        driver.findElement(By.xpath("//*[@id=\"ap_password\"]")).click();

        driver.findElement(By.xpath("//*[@id=\"ap_password\"]")).sendKeys("Mega&2781");
        driver.findElement(By.xpath("//*[@id=\"signInSubmit\"]")).click();
        driver.findElement(By.xpath("//*[@id=\"nav-link-accountList\"]")).click();
        WebElement
        acc=driver.findElement(By.xpath("//*[@id=\"a-page\"]/div[2]/div/div[1]/h1"));
        String actual=acc.getText();
        String expected="Your Account";
        if(actual.equals(expected)) {
            System.out.println("Your Account page is displayed");
        }
        driver.findElement(By.xpath("//*[@id=\"a-page\"]/div[2]/div/div[2]/div[1]/a/div")).
        click();
    }
}

```

WebElement

```
ord=driver.findElement(By.xpath("//*[@id=\"a-page\"]/section/div[1]/div[2]/div[1]/h1"));
```

```
String act=ord.getText();
```

```
String exp="Your Orders";
```

```
if(act.equals(exp)) {
```

```
    System.out.println("Your Order page is displayed");
```

```
}
```

```
String act1=ord.getText();
```

```
String exp1="Your orders";
```

```
if(act.equals(exp)) {
```

```
    System.out.println("User is able to track package");
```

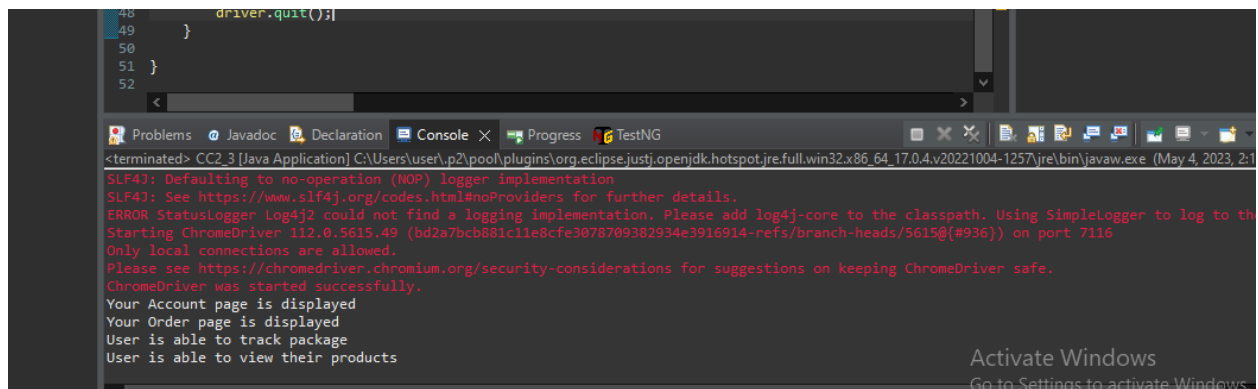
```
}
```

```
System.out.println("User is able to view their products");
```

```
driver.quit();
```

```
}
```

```
}
```



The screenshot shows an IDE window with a console output. The code being executed is a Selenium test script. The console output shows the following messages:

```
<terminated> CC2_3 [Java Application] C:\Users\user\p2\pool\plugins\org.eclipse.justi.openjdk.hotspot.jre.full.win32.x86_64_17.0.4.v20221004-1257\jre\bin\javaw.exe (May 4, 2023, 2:1
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 th
Starting ChromeDriver 112.0.5615.49 (bd2a7bcb881c11e8cfe3078709382934e3916914-refs/branch-heads/5615@{#936}) on port 7116
Only local connections are allowed.
Please see https://chromedriver.chromium.org/security-considerations for suggestions on keeping ChromeDriver safe.
ChromeDriver was started successfully.
Your Account page is displayed
Your Order page is displayed
User is able to track package
User is able to view their products
```

At the bottom right of the console window, there is a watermark that says "Activate Windows Go to Settings to activate Windows."