

MATHIYARASU S

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CA – 1

Q 1)

```
package com.test.CA1;

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 Ce_1
{
    public static void main( String[] args ) throws InterruptedException
    {
        ChromeOptions co = new ChromeOptions();
        co.addArguments("--remote-allow-origins=*");
        WebDriverManager.chromedriver().setup();
        WebDriver driver = new ChromeDriver(co);
        driver.get("https://www.amazon.in/ASUS-15-6-inch-GeForce-Windows-FA506IHRZ-HN111W/dp/B0B5DZTNZQ?ref_=Oct_DLandingS_D_6c1a28b8_61");
        driver.manage().window().maximize();
        String title = driver.getTitle();
        String etitle = "ASUS TUF Gaming A15, 15.6-inch (39.62 cms) FHD 144Hz, AMD Ryzen 5 4600H, 4GB NVIDIA GeForce GTX 1650, Gaming Laptop (8GB/512GB SSD/Windows 11/Black/2.3 Kg), FA506IHRZ-HN111W : Amazon.in: Computers & Accessories";
        System.out.println(title);
        if(title.equals(etitle)) {
            System.out.println("Title is matching");
        }
        else {
            System.out.println("Title Mismatch");
        }
        driver.findElement(By.xpath("//*[@id=\"add-to-cart-button\"]")).click();
        Thread.sleep(5000);
        Boolean present = driver.findElement(By.xpath("//*[@id=\"attach-close_sideSheet-link\"]")).isDisplayed();
        System.out.println("Is item added to cart:" + present);

        driver.get("https://www.amazon.in/gp/cart/view.html/ref=dp_atc_dss_cart?");
        Thread.sleep(5000);
        driver.findElement(By.xpath("//*[@value=\"Delete\"]")).click();
        Thread.sleep(2000);
        String removeText = driver.findElement(By.xpath("//*[@id=\"sc-active-cart\"] /div/div[1]/div/h1")).getText();
        String extext = "Your Amazon Cart is empty.";
        if(removeText.equals(extext)) {
            System.out.println("Product is removed");
        }
    }
}
```

```

        driver.get("https://www.amazon.in/ASUS-15-6-inch-GeForce-Windows-FA506IHRZ-HN111W/dp/B0B5DZTNZQ?ref_=Oct_DLandingS_D_6cla28b8_61");
        driver.findElement(By.xpath("//*[@id=\"add-to-cart-button\"]")).click();
        Thread.sleep(2000);

driver.get("https://www.amazon.in/gp/cart/view.html/ref=dp_atc_dss_cart?");
        Thread.sleep(5000);
        driver.findElement(By.xpath("//*[@id=\"a-autoid-0-announce\"]")).click();
        driver.findElement(By.xpath("//*[@id=\"quantity_2\"]")).click();
        Thread.sleep(2000);
        driver.findElement(By.xpath("//*[@name=\"proceedToRetailCheckout\"]"));

        Thread.sleep(1000);
        String sign = driver.getTitle();
        System.out.println(sign);
        String esign = "Amazon Sign In";
        if(sign.equals(esign)) {
            System.out.println("Success");
        }
        else {
            System.out.println("Failure");
        }
    }
}

```

OUTPUT:

```

<terminated> TEST [Java Application] C:\Program Files\Java\jdk-17\bin\javaw.exe (04-May-2023, 3:26:09 am - 3:26:54 am) [pid: 40952]
SLF4J: Defaulting to no-operation (NOP) logger implementation
SLF4J: See http://www.slf4j.org/codes.html#StaticLoggerBinder for further details.
log4j:WARN No appenders could be found for logger (io.netty.util.internal.logging.InternalLoggerFactory).
log4j:WARN Please initialize the log4j system properly.
Starting ChromeDriver 112.0.5615.49 (bd2a7bcb881c11e8cfe3078709382934e3916914-refs/branch-heads/5615@{#936}) on port 24605
Only local connections are allowed.
Please see https://chromedriver.chromium.org/security-considerations for suggestions on keeping ChromeDriver safe.
ChromeDriver was started successfully.
ASUS TUF Gaming A15, 15.6-inch (39.62 cms) FHD 144Hz, AMD Ryzen 5 4600H, 4GB NVIDIA GeForce GTX 1650, Gaming Laptop (8GB/512GB SSD/Windows 11
Title is matching
Is item added to cart:true
Product is removed
Amazon.in Shopping Cart
Failure

```

Q2)

```
package com.test.CA1;
```

```

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 Ce_2 {
```

```

    public static void main(String[] args) {
        ChromeOptions co=new ChromeOptions();
        co.addArguments("--remote-allow-origins=*");
        WebDriverManager.chromedriver().setup ();
    }
}

```

```

WebDriver driver=new ChromeDriver(co);
driver.get ("https://www.amazon.in/");
driver.manage().window().maximize() ;
String currentTitle=driver.getTitle();
System.out.println(currentTitle);
String expectedTitle="Online Shopping site in India: Shop Online for Mobiles, Books,
Watches, Shoes and More - Amazon.in";
if(currentTitle.equals(expectedTitle)) {
    System.out.println("Title Matched");
}
else {
    System.out.println("Title not Matched");
}
WebElement txtBox1=driver.findElement(By.xpath("//*[@id=\"twotabsearchtextbox\"]"));
txtBox1.sendKeys("macbook");
driver.findElement(By.xpath("//*[@id=\"nav-search-submit-button\"]")).click();

String
txt1=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")).getText();
System.out.println(txt1);
String
txt2=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]h2/a/span")).getText();
System.out.println(txt2);
String
txt3=driver.findElement(By.xpath("//*[@id=\"search\"]div[1]div[1]div/span[1]div[1]div[5]div/div/div/div/div/div/div/div/div[2]div/div/div[1]h2/a/span")).getText();
System.out.println(txt3);
String
txt4=driver.findElement(By.xpath("//*[@id=\"search\"]div[1]div[1]div/span[1]div[1]div[6]div/div/div/div/div/div/div/div/div[2]div/div/div[1]h2/a/span")).getText();
System.out.println(txt4);
String
txt5=driver.findElement(By.xpath("//*[@id=\"search\"]div[1]div[1]div/span[1]div[1]div[7]div/div/div/div/div/div/div/div/div[2]div/div/div[1]h2/a/span")).getText();
System.out.println(txt5);
//filter
driver.findElement(By.xpath("//*[@id=\"p_36/7252032031\"]span/a/span")).click();
driver.findElement(By.xpath("//*[@id=\"p_n_pattern_browse-
bin/1464446031\"]span/a/span")).click();

```

OUTPUT:

```

<terminated> ques2 [Java Application] C:\Program Files\Java\jdk-17\bin\javaw.exe (04-May-2023, 3:36:19 am - 3:36:38 am) [pid: 22696]
SLF4J: See http://www.slf4j.org/codes.html#StaticLoggerBinder for further details.
log4j:WARN No appenders could be found for logger (io.netty.util.internal.logging.InternalLoggerFactory).
log4j:WARN Please initialize the log4j system properly.
Starting ChromeDriver 112.0.5615.49 (bd2a7bcb881c1e8cfe3078709382934e3916914-refs/branch-heads/56158/#936) on port 14971
Only local connections are allowed.
Please see https://chromedriver.chromium.org/security-considerations for suggestions on keeping ChromeDriver safe.
ChromeDriver was started successfully.
Online Shopping site in India: Shop Online for Mobiles, Books, Watches, Shoes and More - Amazon.in
Title Matched
Apple 2020 MacBook Air Laptop M1 chip, 13.3-inch/33.74 cm Retina Display, 8GB RAM, 256GB SSD Storage, Backlit Keyboard, FaceTime HD Camera, Touch ID. Works with iPhone/iP
Apple 2022 MacBook Air Laptop with M2 chip: 34.46 cm (13.6-inch) Liquid Retina Display, 8GB RAM, 256GB SSD Storage, Backlit Keyboard, 1080p FaceTime HD Camera. Works with
Apple 2020 MacBook Air Laptop M1 chip, 13.3-inch/33.74 cm Retina Display, 8GB RAM, 256GB SSD Storage, Backlit Keyboard, FaceTime HD Camera, Touch ID. Works with iPhone/iP
Apple 2022 MacBook Air Laptop with M2 chip: 34.46 cm (13.6-inch) Liquid Retina Display, 8GB RAM, 256GB SSD Storage, Backlit Keyboard, 1080p FaceTime HD Camera. Works with
Apple 2020 MacBook Air Laptop M1 chip, 13.3-inch/33.74 cm Retina Display, 8GB RAM, 256GB SSD Storage, Backlit Keyboard, FaceTime HD Camera, Touch ID. Works with iPhone/iP

```

Q3)

```
package com.test.CA1;

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;

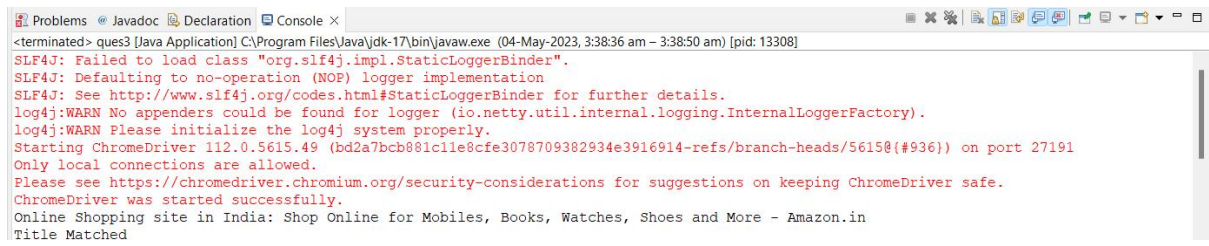
public class Ce_3 {

    public static void main(String[] args) {

        ChromeOptions co=new ChromeOptions();
        co.addArguments ("--remote-allow-origins=*");
        WebDriverManager.chromedriver().setup ();
        WebDriver driver=new ChromeDriver(co);
        driver.get ("https://www.amazon.in/");
        driver.manage().window().maximize() ;
        String currentTitle=driver.getTitle();
        System.out.println(currentTitle);
        String expectedTitle="Online Shopping site in India: Shop Online for Mobiles, Books,
Watches, Shoes and More - Amazon.in";
        if(currentTitle.equals(expectedTitle)) {
            System.out.println("Title Matched");
        }
        else {
            System.out.println("Title not Matched");
        }
        driver.findElement(By.xpath("//*[@id=\"nav-link-accountList\"]")).click();
        WebElement txtBox1=driver.findElement(By.xpath("//*[@id=\"ap_email\"]"));
        txtBox1.sendKeys("6380858845");
        driver.findElement(By.xpath("//*[@id=\"continue\"]")).click();
        WebElement txtBox2=driver.findElement(By.xpath("//*[@id=\"ap_password\"]"));
        txtBox2.sendKeys("mathi@28102003");
        driver.findElement(By.xpath("//*[@id=\"signInSubmit\"]")).click();

        driver.findElement(By.xpath("//*[@id=\"nav-link-accountList\"]")).click();
        driver.findElement(By.xpath("//*[@id=\"a-
page\"]/div[2]/div/div[2]/div[1]/a/div/div")).click();
        driver.findElement(By.xpath("//*[@id=\"a-autoid-2-announce\"]")).click();
        driver.findElement(By.xpath("//*[@id=\"ordersInPackage-
container\"]/div/div/a[1]")).click();
    }
}
```

OUTPUT:



```
<terminated> ques3 [Java Application] C:\Program Files\Java\jdk-17\bin\javaw.exe (04-May-2023, 3:38:36 am - 3:38:50 am) [pid: 13308]
SLF4J: Failed to load class "org.slf4j.impl.StaticLoggerBinder".
SLF4J: Defaulting to no-operation (NOP) logger implementation
SLF4J: See http://www.slf4j.org/codes.html#StaticLoggerBinder for further details.
log4j:WARN No appenders could be found for logger (io.netty.util.internal.logging.InternalLoggerFactory).
log4j:WARN Please initialize the log4j system properly.
Starting ChromeDriver 112.0.5615.49 (bd2a7bcb881c11e8cfe3078709382934e3916914-refs/branch-heads/5615@(#936)) on port 27191
Only local connections are allowed.
Please see https://chromedriver.chromium.org/security-considerations for suggestions on keeping ChromeDriver safe.
ChromeDriver was started successfully.
Online Shopping site in India: Shop Online for Mobiles, Books, Watches, Shoes and More - Amazon.in
Title Matched
```