**CA-1**

Question 1:

**CODE:**

package com.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 TC\_01 {

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/s?i=electronics&bbn=1805560031&rh=n%3A976419031%2Cn%3A1389401031%2Cn%3A1389432031%2Cn%3A1805560031%2Cp\_36%3A1318505031%2Cp\_n\_condition-type%3A8609960031&ref\_=tile1\_below10k&pf\_rd\_r=JG6ACRFRGVMF1REN5FGN&pf\_rd\_p=6e9c5ebb-d370-421b-8375-bf50155e0300&pd\_rd\_r=e8601523-4a03-46c5-8db1-804b64da169b&pd\_rd\_w=CCN04&pd\_rd\_wg=TU7z0");

driver.manage().window().maximize();

driver.findElement(By.*xpath*("//\*[@id=\"nav-link-accountList-nav-line-1\"]")).click();

driver.findElement(By.*xpath*("//\*[@id=\"ap\_email\"]")).sendKeys("6380270117");

driver.findElement(By.*id*("continue")).click();

driver.findElement(By.*xpath*("//\*[@id=\"ap\_password\"]")).sendKeys("vidhya");

driver.findElement(By.*id*("signInSubmit")).click();

Thread.*sleep*(20000);

driver.navigate().to("https://www.amazon.in/Timex-Analog-White-Womens-Watch-TW000X219/dp/B07QNXCKP6?ref\_=Oct\_DLandingS\_D\_285539a9\_1");

String title = driver.getTitle();

String etitle="TIMEX Analog White Dial Women's Watch-TW000X219 : Amazon.in: Fashion";

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\_atch\_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\_6c1a28b8\_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\_atch\_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 {

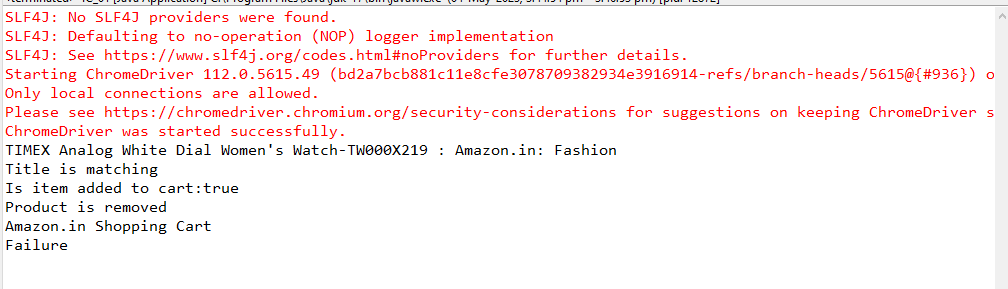
System.*out*.println("Failure");

}

}

}

**Output:**

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**Question 2:**

**CODE:**

package com.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 TC\_02 {

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

txtBoxl.sendKeys("watch");

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[2]/div/div/div[1]/h2/a/span")).getText();

System.*out*.println("TIMEX Analog Women's Watch (Dial Colored Strap)"));

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[2]/div/div/div[1]/h2/a/span")).getText();

System.*out*.println("Fossil Jacqueline Analog Silver Dial Women's Watch-ES5096");

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[2]/div/div/div[1]/h2/a/span")).getText();

System.*out*.println("Fossil Ring Watch Analog White Dial Women's Watch-ES5245");

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[2]/div/div/div[1]/h2/a/span")).getText();

System.*out*.println("Vibez by Lifelong Smartwatch for women Metal Strap & 1.28\" HD Display, Bluetooth Calling, Multiple Watch Faces, Health Tracker, Sports Modes & free silicone strap (Emerald, Gold)");

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[2]/div/div/div[1]/h2/a/span")).getText();

System.*out*.println("Titan Raga Viva Analog Rose Gold Dial Women's Watch-NL2608WM01");

//filter

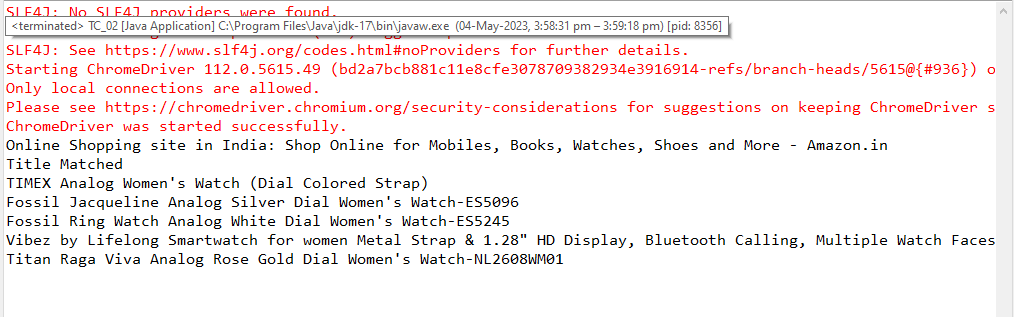
driver.findElement(By.*xpath*("//\*[@id=\"p\_36/7252032031\"]/span/a/span")).click();

driver.findElement(By.*xpath*("//\*[@id=\"p\_n\_pattern\_browse-bin/1464446031\"]/span/a/span")).click();

}

}

**Output:**

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**Question 3:**

**CODE:**

package 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 ex3 {

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 txtBoxl=driver.findElement(By.xpath("//\*[@id=\"ap\_email\"]"));

txtBoxl.sendKeys("6380270117");

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

WebElement txtBox2=driver.findElement(By.xpath("//\*[@id=\"ap\_password\"]"));

txtBox2.sendKeys("vidhya");

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

// driver.findElement(By.xpath("//\*[@id=\"nav-link-accountList\"]")).click();

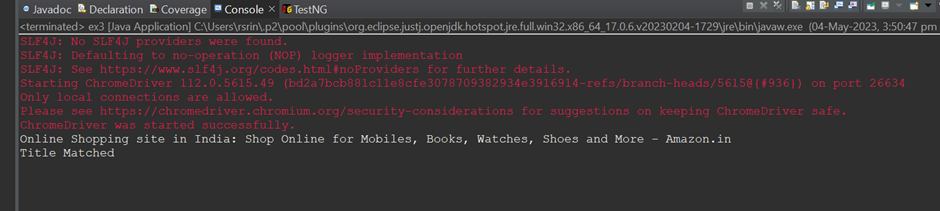
// driver.findElement(By.xpath("//\*[@id=\"a-page\"]/div[2]/div/div[2]/div[1]/a/div/div")).click();

// driver.findElement(By.xpath("//\*[@id=\"a-autoid-2-announce\"]")).click();

// driver.findElement(By.xpath("//\*[@id=\"ordersInPackage-container\"]/div/div/a[1]")).click();

}

**Output:**

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