**SOFTWARE TESTING CA – 1**

**QUESTION -1**

package CA\_1Test;

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 Question1 {

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.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 matched");

}

else {

System.out.println("Title Mismatched");

}

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

Thread.sleep(3000);

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(3000);

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

driver.findElement(By.xpath("//\*[@id=\"quantity\_2\"]")).click();

String Txt = driver.findElement(By.className("a-dropdown-prompt")).getAttribute("innerHTML");

String OriTxt = "2";

if(Txt.equals(OriTxt)) {

System.out.println("Updated successfully");

}

else {

System.out.println("Something went wrong!!!");

}

Thread.sleep(3000);

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

driver.findElement(By.xpath("//\*[@id=\"ap\_email\"]")).sendKeys("1234567890");

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

Thread.sleep(3000);

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

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

Thread.sleep(3000);

String Checkout = driver.findElement(By.xpath("//\*[@id=\"header\"]/div/div[3]/h1")).getText();

if(Checkout.equals("Checkout")) {

System.out.println("Checkout page is displayed successfully");

}

else {

System.out.println("Something went wrong!!!");

}

Thread.sleep(3000);

String Total = driver.findElement(By.xpath("//\*[@id=\"subtotals-marketplace-table\"]/tbody/tr[4]/td[2]")).getText();

System.out.println("The calculated accurate total cost is : " +Total);

driver.get("https://www.amazon.in/gp/cart/view.html/ref=dp\_atch\_dss\_cart?");

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

Thread.sleep(3000);

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");

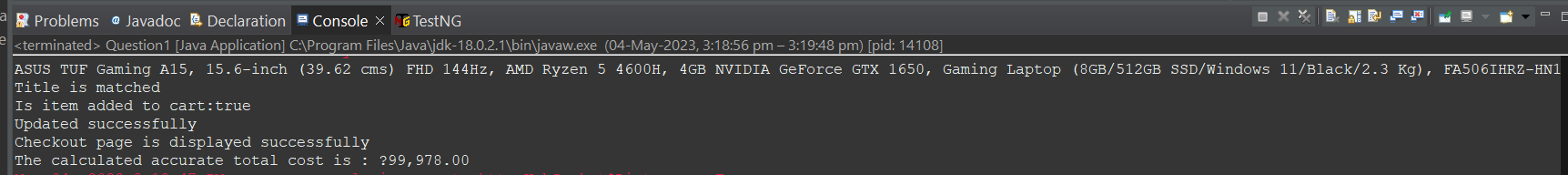
}

driver.close();

}

}

**}OUTPUT:**



**QUESTION -2**

package CA\_1Test;

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 Question2 {

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("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[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[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[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[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[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();

driver.close();

}

}

**OUTPUT:**



**QUESTION -3**

package CA\_1Test;

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 Question3 {

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("1234567890");

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

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

txtBox2.sendKeys("xyz");

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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