SOFTWARE TESTING CA – 1

**QUESTION -1**

**Going to search an IQOO PRODUCT**

package ca1.q1;  
  
  
import [org.openqa.selenium.By](http://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 App  
  
{  
  
    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/iQOO-Storage-Snapdragon-Platform-Intelligent/dp/B07WHQLR7G?pf_rd_r=YGKC5NF3N0YN0WSQ8CKE&pf_rd_t=Events&pf_rd_i=greatsummersale&pf_rd_p=e90dcac0-18a5-4a42-9dcd-076169bb0109&pf_rd_s=slot-7&ref=dlx_great_gd_dcl_img_20_8c019b1e_dt_sl7_09&th=1>");  
        driver.manage().window().maximize();  
        String title = driver.getTitle();  
        String etitle = "iQOO 11 5G (Legend, 8GB RAM, 256 GB Storage) | Snapdragon ® 8 Gen 2 Mobile Platform | 2K E6 AMOLED Display | V2 Intelligent Display Chip : Amazon.in";  
        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: 1");  
        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/iQOO-Storage-Snapdragon-Platform-Intelligent/dp/B07WHQLR7G?pf_rd_r=YGKC5NF3N0YN0WSQ8CKE&pf_rd_t=Events&pf_rd_i=greatsummersale&pf_rd_p=e90dcac0-18a5-4a42-9dcd-076169bb0109&pf_rd_s=slot-7&ref=dlx_great_gd_dcl_img_20_8c019b1e_dt_sl7_09&th=1>");  
        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:**

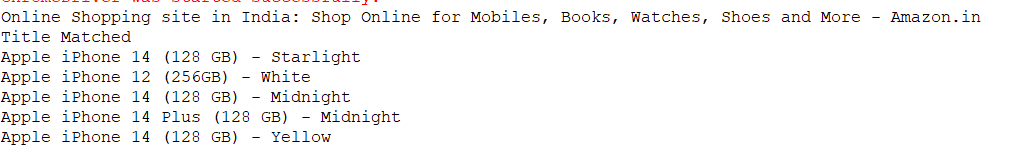


**QUESTION -2**

import [org.openqa.selenium.By](http://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 q2 {  
  
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("IPHONE");  
  
driver.findElement(By.xpath("//\*[@id=\"nav-search-submit-button\"]")).click();  
  
String pr1=driver.findElement(By.xpath("//\*[@id=\"search\"]/div[1]/div[1]/div/span[1]/div[1]/div[2]/div/div/div/div/div/div/div/div[2]/div/div/div[1]/h2/a/span")).getText();  
  
System.out.println(pr1);  
  
String pr2=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(pr2);  
  
String pr3=driver.findElement(By.xpath("//\*[@id=\"search\"]/div[1]/div[1]/div/span[1]/div[1]/div[4]/div/div/div/div/div/div[2]/div/div/div[1]/h2/a/span")).getText();  
  
System.out.println(pr3);  
  
String pr4=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(pr4);  
  
String pr5=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(pr5);  
  
//filter  
  
// driver.findElement(By.xpath("<span class=\"a-button-text a-declarative\" data-csa-c-func-deps=\"aui-da-a-dropdown-button\" data-csa-c-type=\"widget\" data-csa-interaction-events=\"click\" data-action=\"a-dropdown-button\" aria-hidden=\"true\" data-csa-c-id=\"ck1i6p-xs0djs-bsnv26-w8xpkh\" id=\"a-autoid-0-announce\"><span class=\"a-dropdown-label\">Sort by:</span><span class=\"a-dropdown-prompt\">Featured</span></span>")).click();  
  
// driver.findElement(By.xpath("//\*[@id=\"s-result-sort-select\_2\"]")).click();  
  
}  
  
} }

**OUTPUT:**



**QUESTION -3**

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

txtBoxl.sendKeys("9677904185");

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

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

txtBox2.sendKeys("nithin@1233445");

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:**

