**QUESTION1:**

**package** CA;

**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** Qstn1

{

**public** **static** **void** main( String[] args ) **throws** InterruptedException

{

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("fossil watches");

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

Thread.*sleep*(2000);

driver.navigate().to("https://www.amazon.in/Fossil-Smartwatch-SnapdragonSmartphone-Notifications/dp/B09DGS966L/ref=sr\_1\_25?crid=2LOQNXJII74SZ&keywords=fossil+watches&qid=1681295284&sprefix=fossil+watche%2Caps%2C405&sr=8-25") ;

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");

}**else** {

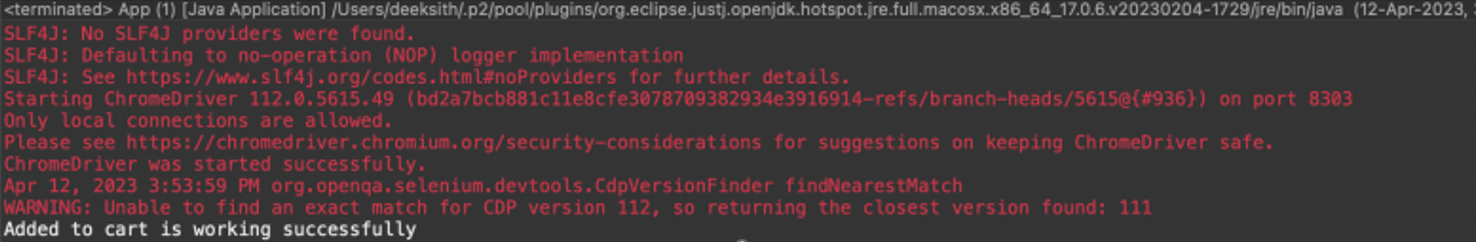
System.***out***.print("Not working successful");

}

}

}

OUTPUT:



QUESTION 2:

CODING:

**package** CA;

**import** java.util.ArrayList;

**import** java.util.List;

**import** org.openqa.selenium.By;

**import** org.openqa.selenium.Keys;

**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) **throws** InterruptedException {

ChromeOptions co = **new** ChromeOptions();

co.addArguments("--remote-allow-origins=\*");

WebDriverManager.*chromedriver*().setup();

WebDriver driver = **new** ChromeDriver();

String url = "https://www.amazon.in/";

driver.get(url);

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

Thread.*sleep*(4000);

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

search.sendKeys("Apple airpods");

search.sendKeys(Keys.***ENTER***);

Thread.*sleep*(6000);

**boolean** isDisplayed = driver.findElement(By.*xpath*("//\*[@id=\"search\"]/div[1]/div[1]/div/span[1]/div[1]/div[3]/div/div/div/div/div")).isDisplayed();

**if**(isDisplayed) {

System.***out***.println("Corresponding Product is displayed !");

}

**else** {

System.***out***.println("Corresponding Product is not displayed !");

}

List<WebElement> product = **new** ArrayList<WebElement>();

product = driver.findElements(By.*className*("a-size-medium"));

**for**(**int** i=0; i<6; i++) {

System.***out***.println(product.get(i).getText());

}

driver.findElement(By.*xpath*("//\*[@id=\"n/1388921031\"]/span/a/span")).click();

Thread.*sleep*(5000);

**boolean** isCategorized = driver.findElement(By.*xpath*("//\*[@id=\"search\"]/span/div/h1/div/div[1]/div/div/span[1]")).isDisplayed();

**if**(isCategorized) {

System.***out***.println("Category wise displayed");

}

**else** {

System.***out***.println("Category wise not displayed");

}

driver.findElement(By.*xpath*("//\*[@id=\"p\_36/1318506031\"]/span/a/span")).click();

Thread.*sleep*(4000);

**boolean** isPrice = driver.findElement(By.*xpath*("//\*[@id=\"search\"]/span/div/h1/div/div[1]/div/div/span[1]")).isDisplayed();

**if**(isPrice) {

System.***out***.println("Price wise displayed");

}

**else** {

System.***out***.println("Price wise not displayed");

}

Thread.*sleep*(4000);

driver.findElement(By.*xpath*("//\*[@id=\"p\_n\_format\_browse-bin/30678584031\"]/span/a/div/label/i")).click();

**boolean** isBrand = driver.findElement(By.*xpath*("//\*[@id=\"search\"]/span/div/h1/div/div[1]/div/div/span[1]")).isDisplayed();

**if**(isBrand) {

System.***out***.println("Top brands is displayed");

}

**else** {

System.***out***.println("Top brands is not displayed");

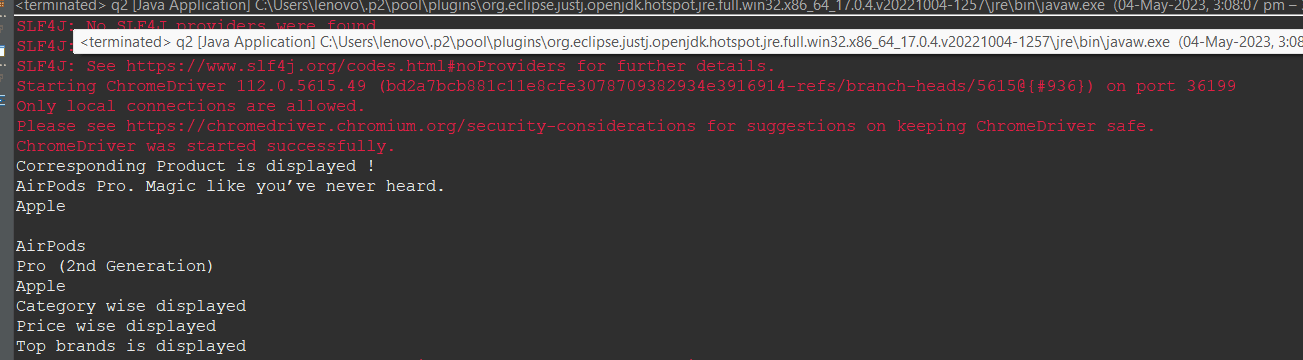
}

Thread.*sleep*(4000);

driver.quit();

}

}



QUESTION 3:

CODING:

package CA;

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 ques3 {

public static void main(String[] args) throws InterruptedException {

ChromeOptions co=new ChromeOptions();

co.addArguments("--remote-allow-origins=\*");

WebDriverManager.*chromedriver*().setup();

WebDriver driver=new ChromeDriver();

driver.get("https://www.amazon.in/");

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

Thread.*sleep*(2000);

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

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

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

Thread.*sleep*(2000);

driver.navigate().to("https://www.amazon.in/Fossil-Smartwatch-SnapdragonSmartphone-Notifications/dp/B09DGS966L/ref=sr\_1\_25?crid=2LOQNXJII74SZ&keywords=fossil+watches&qid=1681295284&sprefix=fossil+watche%2Caps%2C405&sr=8-25") ;

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

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

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

if(cart.getText().equals("2"))

{

System.***out***.print("Updating cart is working successfully");

}

else

{

System.***out***.print("Updating cart is working successfully");

}

driver.findElement(By.*xpath*("//\*[@id=\"sc-buy-box-ptc-button\"]/span/input")).click();

Thread.*sleep*(3000);

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

Thread.*sleep*(1000);

dname.sendKeys("6379626366");

Thread.*sleep*(1000);

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

Thread.*sleep*(1000);

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

Thread.*sleep*(1000);

pass.sendKeys("vijayvirus");

Thread.*sleep*(1000);

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

Thread.*sleep*(60000);

driver.findElement(By.*xpath*("//\*[@id=\"cvf-submit-otp-button\"]/span/input")).click();

}

}

