CA-1

# Question 1:

## Coding:

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

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

**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** question\_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();

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

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

Thread.*sleep*(40000);

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

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

Thread.*sleep*(2000);

driver.navigate().to("https://www.amazon.in/Echo-Dot-3rd-Gen/dp/B07PFFMP9P/ref=sr\_1\_1?keywords=alexa&qid=1683193341&sr=8-1");

Thread.*sleep*(2000);

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

Thread.*sleep*(3000);

driver.findElement(By.*xpath*("//\*[@id=\"abb-intl-pop-cta\"]/span[3]/span/input")).click();

Thread.*sleep*(3000);

Boolean bo1 = driver.findElement(By.*xpath*("//\*[@id=\"NATC\_SMART\_WAGON\_CONF\_MSG\_SUCCESS\"]/div/div/i")).isDisplayed();

**if**(bo1) {

System.***out***.println("Add to Cart TestCase:"+**true**);

}**else** {

System.***out***.println("Add to Cart TestCase:"+**false**);

}

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

Thread.*sleep*(3000);

Boolean bo2 = driver.findElement(By.*xpath*("//\*[@id=\"sc-active-cart\"]/div/div[1]/div/h1")).isDisplayed();

**if**(bo2) {

System.***out***.println("Remove from Cart TestCase: "+**true**);

}**else** {

System.***out***.println("Remove from Cart TestCase: "+**false**);

}

Boolean bo3= driver.findElement(By.*xpath*("//\*[@id=\"sc-active-457f5e75-9181-47b8-94b2-bf1c1ce981aa\"]/div[4]/div/div[2]/div[1]/span[2]/span")).isDisplayed();

Thread.*sleep*(2000);

**if**(bo3) {

System.***out***.println("Quantity Update:"+**true**);

}**else** {

System.***out***.println("Quantity Update:"+**false**);

}

driver.findElement(By.*xpath*("//\*[@id=\"abb-intl-pop-cta\"]/span[3]/span/input")).click();

Thread.*sleep*(3000);

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

Boolean bo4= driver.findElement(By.*xpath*("//\*[@id=\"sc-active-457f5e75-9181-47b8-94b2-bf1c1ce981aa\"]/div[3]/div/div[1]/div[4]/span[2]/span")).isDisplayed();

Thread.*sleep*(2000);

**if**(bo4) {

System.***out***.println("User Checkout:"+**true**);

}**else** {

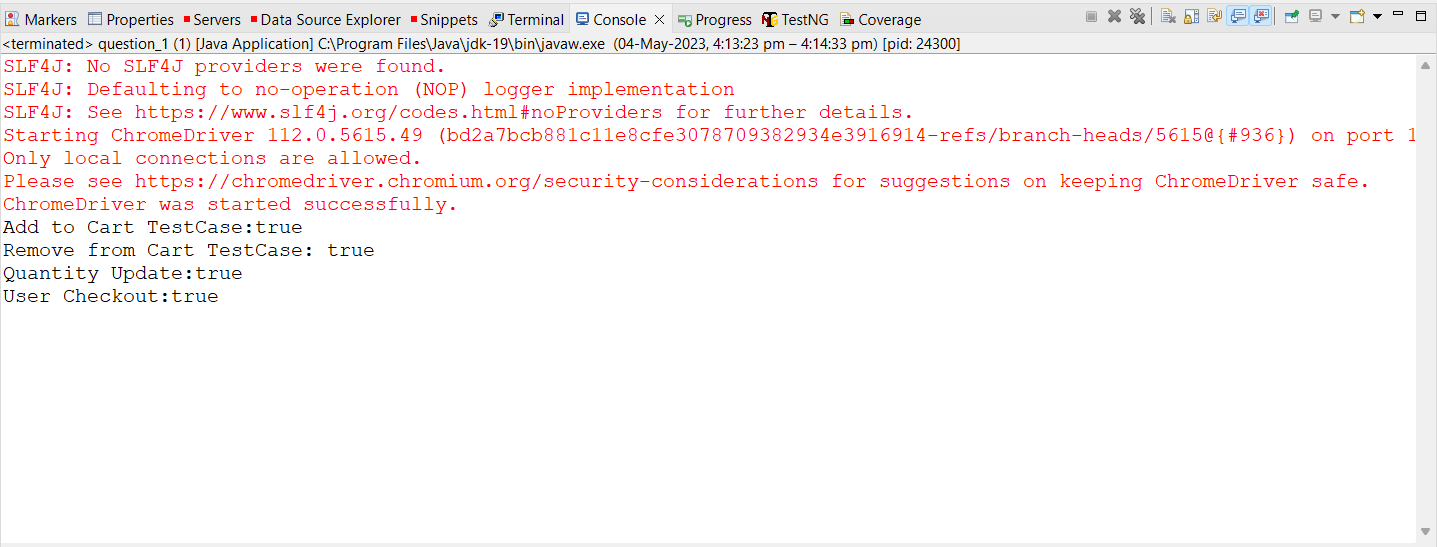
System.***out***.println("User Checkout:"+**false**);

}

}

}

## Output:



# Question\_2:

## Coding:

**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** question\_2 {

**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("Categorized Display:"+**true**);

}

**else** {

System.***out***.println("Categorized Display:"+**false**);

}

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 Display:"+**true**);

}

**else** {

System.***out***.println("Price wise Display:"+**false**);

}

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");

}

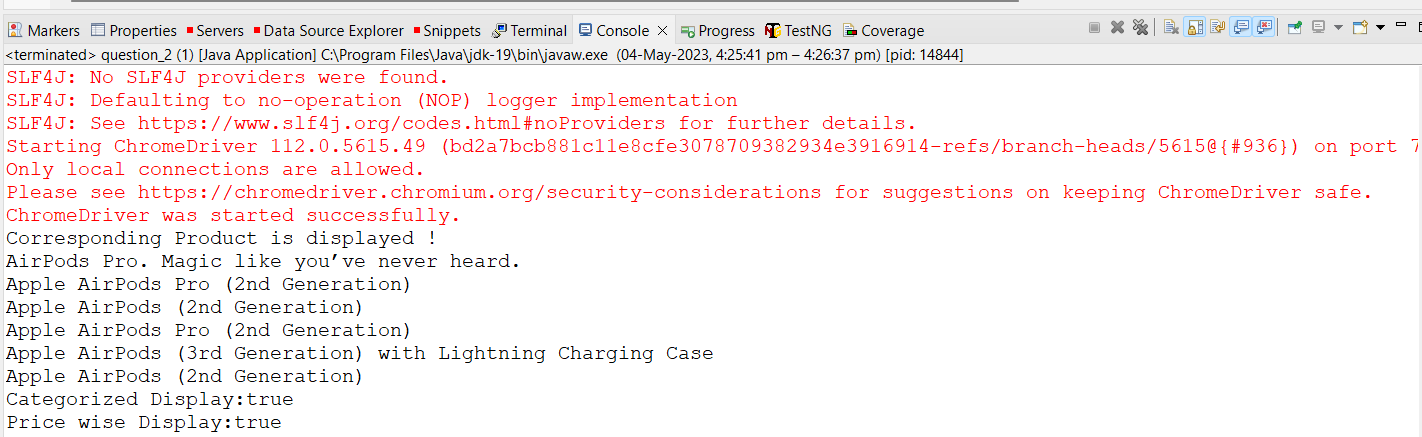
Thread.*sleep*(4000);

driver.quit();

}

}

## Output:



# Question\_3:

## Coding:

**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.ChromeOptions;

**import** org.openqa.selenium.edge.EdgeDriver;

**import** io.github.bonigarcia.wdm.WebDriverManager;

**public** **class** question\_3 {

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

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

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

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

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

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

driver.get(url);

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

Thread.*sleep*(4000);

driver.findElement(By.*xpath*("//\*[@id=\"nav-signin-tooltip\"]/a/span")).click();

Thread.*sleep*(5000);

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

email.sendKeys("mahadevasethu582@gmail.com");

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

Thread.*sleep*(5000);

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

password.sendKeys("f6rta5f70u");

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

Thread.*sleep*(8000);

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

String message = "Your Account";

String actualMessage = driver.findElement(By.*xpath*("//\*[@id=\"a-page\"]/div[2]/div/div[1]/h1")).getText();

// System.out.print(actualMessage);

**if**(message.equals(actualMessage)) {

System.***out***.println("Your Account page is displayed");

}

**else**{

System.***out***.println("Your Account page is not displayed");

}

Thread.*sleep*(4000);

driver.get("https://www.amazon.in/gp/css/order-history?ref\_=nav\_AccountFlyout\_orders");

String Ordermessage = "Your Orders";

String actualOrderMessage = driver.findElement(By.*xpath*("//\*[@id=\"a-page\"]/section/div/div[2]/div[1]/h1")).getText();

**if**(Ordermessage.equals(actualOrderMessage)) {

System.***out***.println("Your Order page is displayed");

}

**else**{

System.***out***.println("Your Order page is not displayed");

}

String orders = driver.findElement(By.*xpath*("//\*[@id=\"a-page\"]/section/div/div[4]/form/label")).getText();

System.***out***.println(orders);

driver.findElement(By.*xpath*("//\*[@id=\"a-page\"]/section/div/div[3]/ul/li[4]/a")).click();

String cancelled = driver.findElement(By.*xpath*("//\*[@id=\"ordersContainer\"]/div[1]/div")).getText();

System.***out***.println(cancelled);

Thread.*sleep*(4000);

}

}

## Output:

