**CA 1**

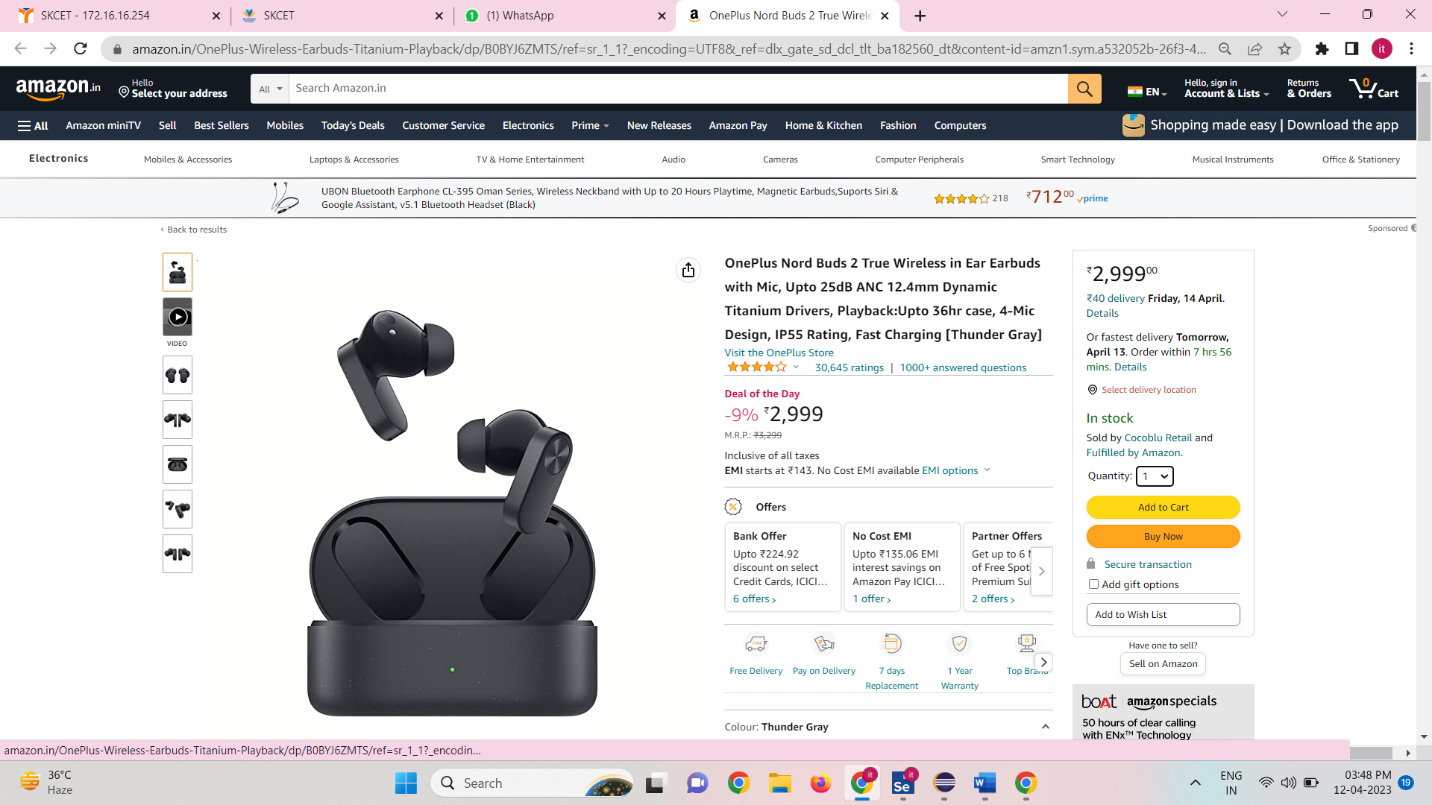
**Software Testing using Selenium**

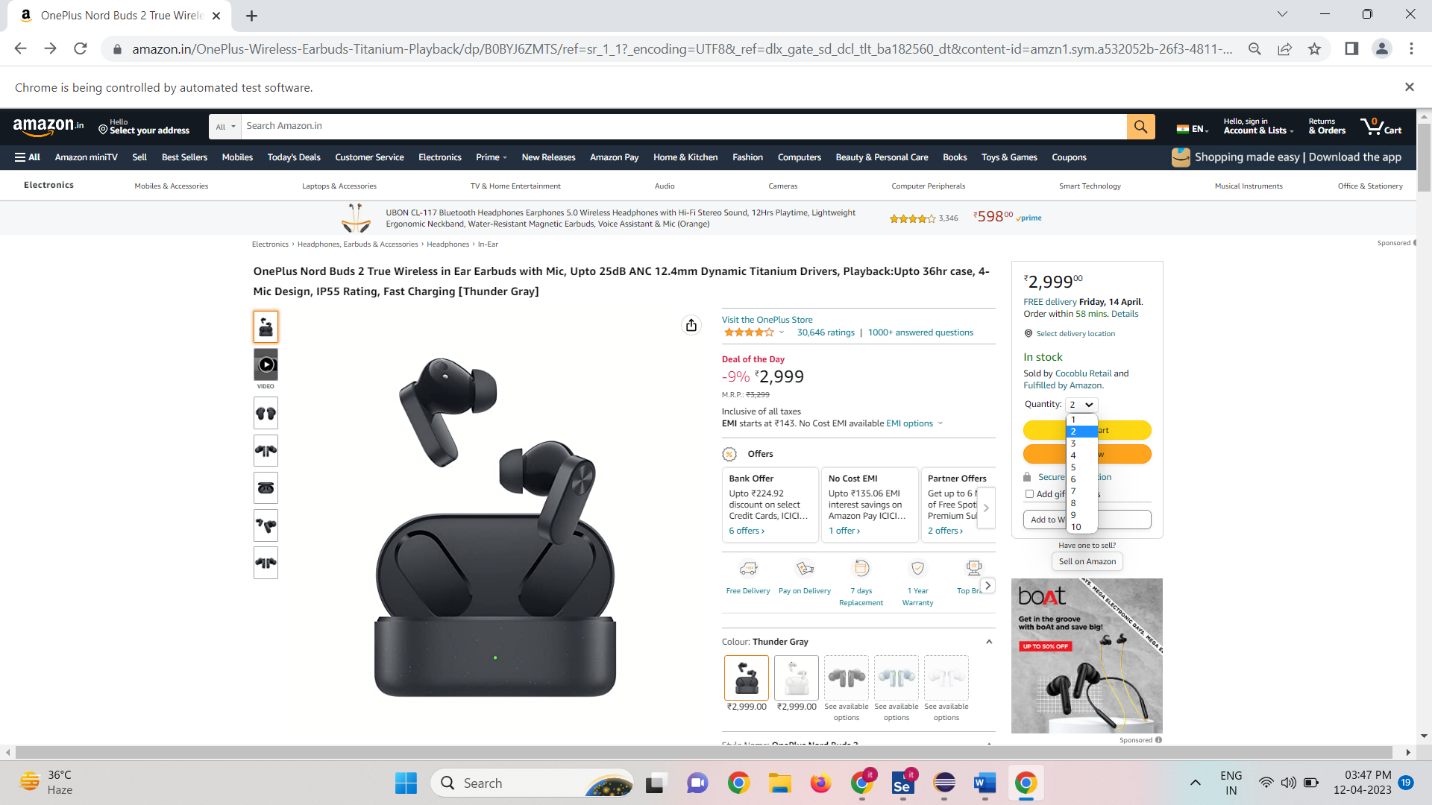
**727722EUIT511**

**MOHAMED TARIQ M**

1.







package com.selenium.test.NewTest2.SelTest;

import org.openqa.selenium.By;

import org.openqa.selenium.JavascriptExecutor;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.chrome.ChromeDriver;

import org.openqa.selenium.chrome.ChromeOptions;

import org.openqa.selenium.support.ui.Select;

import io.github.bonigarcia.wdm.WebDriverManager;

public class App

{

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

{

WebDriverManager.chromedriver().setup();

ChromeOptions co = new ChromeOptions();

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

WebDriver driver=new ChromeDriver(co);

driver.get("https://www.amazon.in/OnePlus-Wireless-Earbuds-Titanium-Playback/dp/B0BYJ6ZMTS/ref=sr\_1\_1?\_encoding=UTF8&\_ref=dlx\_gate\_sd\_dcl\_tlt\_ba182560\_dt&content-id=amzn1.sym.a532052b-26f3-4811-a261-3b35ffa57237&pd\_rd\_r=6b7b9f38-8ef8-4753-86ff-c52577437b34&pd\_rd\_w=MGeKS&pd\_rd\_wg=3MI33&pf\_rd\_p=a532052b-26f3-4811-a261-3b35ffa57237&pf\_rd\_r=YER2V6HJ0N9TPQQGK2ET&qid=1681291407&sr=8-1&th=1");

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

String title=driver.getTitle();

System.out.println(title);

if(title.equals("Amazon.in: Buy ASUS VivoBook 15 (2021), 15.6-inch (39.62 cm) HD, Dual Core Intel Celeron N4020, Thin and Light Laptop (4GB RAM/256GB SSD/Integrated Graphics/Windows 11 Home/Transparent Silver/1.8 Kg), X515MA-BR011W Online at Low Prices in India | ASUS Reviews & Ratings")) {

System.out.println("Verified title of the page");

}else {

System.out.println("Title not matched");

}

JavascriptExecutor js=(JavascriptExecutor) driver;

js.executeScript("window.scrollBy(0,1000)","");

driver.findElement(By.id("add-to-cart-button")).click();

System.out.println("Verified Add to Cart button");

String lnk=driver.findElement(By.id("//\*[@id=\"authportal-main-section\"]/div[2]/div/div[1]/form/div/div/div/h1")).getText();

if(lnk.equals("Sign in")) {

System.out.println("Sign in page landed");

}else {

System.out.println("Wrong page landed");

}

driver.quit();

}

}

2. 

package com.selenium.test.NewTest2.SelTest;

import java.util.List;

import org.openqa.selenium.By;

import org.openqa.selenium.JavascriptExecutor;

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 org.openqa.selenium.support.ui.Select;

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WebDriverManager.chromedriver().setup();

ChromeOptions co = new ChromeOptions();

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

WebDriver driver=new ChromeDriver(co);

driver.get("https://www.amazon.in/ref=nav\_logo");

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

String title=driver.getTitle();

System.out.println(title);

if(title.equals("Online Shopping site in India: Shop Online for Mobiles, Books, Watches, Shoes and More - Amazon.in")) {

System.out.println("Verified title of the page");

}else {

System.out.println("Title not matched");

}

driver.findElement(By.id("twotabsearchtextbox")).sendKeys("phone");

driver.findElement(By.id("twotabsearchtextbox")).sendKeys(Keys.ENTER);

System.out.println("Searched Item successfully");

driver.findElement(By.id("a-autoid-0-announce")).click();

List<WebElement>li=driver.findElements(By.xpath("//\*[@id=\"octopus-dlp-asin-stream\"]/ul/li[2]/span/div/div[2]/div[1]/a"));

for(WebElement link:li) {

System.out.println(link.getText());

}

System.out.println("User is able to filter by search");

System.out.println("Testing Ended");

driver.quit();

}

}

3. 

package com.selenium.test.NewTest2.SelTest;

import java.util.List;

import org.openqa.selenium.By;

import org.openqa.selenium.JavascriptExecutor;

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 org.openqa.selenium.support.ui.Select;

import io.github.bonigarcia.wdm.WebDriverManager;

/\*\*

\* Hello world!

\*

\*/

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{

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ChromeOptions co = new ChromeOptions();

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

WebDriver driver=new ChromeDriver(co);

driver.get("https://www.amazon.in/ref=nav\_logo");

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

String title=driver.getTitle();

System.out.println(title);

if(title.equals("Online Shopping site in India: Shop Online for Mobiles, Books, Watches, Shoes and More - Amazon.in")) {

System.out.println("Verified title of the page");

}else {

System.out.println("Title not matched");

}

driver.findElement(By.id("nav-link-accountList")).click();

driver.findElement(By.id("ap\_email")).sendKeys("HI28@gmail.com");

driver.findElement(By.id("ap\_email")).sendKeys(Keys.ENTER);

driver.findElement(By.id("ap\_password")).sendKeys("12342\*");

driver.findElement(By.id("ap\_password")).sendKeys(Keys.ENTER);

Thread.sleep(2000);

String name=driver.findElement(By.id("nav-link-accountList-nav-line-1")).getText();

if(name.equals("Hello, BOT")) {

System.out.println("Successfully, signed in");

}else {

System.out.println("Sign in failed");

}

System.out.println("Testing Ended");

driver.quit();

}

}