**CIA - 1 TESTING WITH SELENIUM**

1) package CIA\_1;

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\_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();

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

driver.get(url);

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

Thread.sleep(4000);

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

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("6369442740");

email.sendKeys(Keys.ENTER);

Thread.sleep(5000);

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

password.sendKeys("Shree@54321");

password.sendKeys(Keys.ENTER);

Thread.sleep(5000);

// driver.findElement(By.xpath("//\*[@id=\"ap\_password\"]")).sendKeys("Shree@54321");

//

// Thread.sleep(20000);

//

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

//

// Thread.sleep(4000);

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

search.sendKeys("Apple airpods");

search.sendKeys(Keys.ENTER);

Thread.sleep(6000);

driver.get("https://www.amazon.in/Apple-AirPods-Pro-2nd-Generation/dp/B0BDKD8DVD/ref=sr\_1\_3?keywords=airpods&qid=1683193012&sr=8-3");

Thread.sleep(5000);

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

Thread.sleep(5000);

boolean isAdded = driver.findElement(By.xpath("//\*[@id=\"attachDisplayAddBaseAlert\"]/span")).isDisplayed();

if(isAdded) {

System.out.println("Item added to Cart");

}

else {

System.out.println("Item not added to Cart");

}

Thread.sleep(4000);

driver.findElement(By.xpath("//\*[@id=\"attach-sidesheet-view-cart-button\"]/span/input")).click();

Thread.sleep(4000);

driver.findElement(By.xpath("/html/body/div[1]/div[2]/div[3]/div[5]/div/div[2]/div[1]/div/form/div[2]/div[3]/div[4]/div/div[3]/div[1]/span[1]/span/span[1]/span/span/span/span")).click();

boolean isDeleted = driver.findElement(By.xpath("//\*[@id=\"sc-active-C58490abb-2eb0-4cde-b12e-b95ca4e4fcab\"]/div/div[1]/span")).isDisplayed();

if(isDeleted) {

System.out.println("Item Successfully Deleted");

}

else {

System.out.println("Item not Successfully Deleted");

}

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

Thread.sleep(4000);

// driver.findElement(By.xpath("/html/body/div[3]/div/div/ul/li[3]/a")).click();

System.out.println("Item updated Successfully");

String expectedPrice = driver.findElement(By.xpath("//\*[@id=\"sc-subtotal-amount-buybox\"]/span")).getText();

String expectedCheckout = "\r\n"

+ " Checkout\r\n"

+ " ";

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

if(expectedCheckout.equals(actualCheckout)) {

System.out.println("Checkout is Displayed");

}

else {

System.out.println("Checkout is not Displayed");

}

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

if(actualPrice.equals(expectedPrice)) {

System.out.println("It calculates the cost accurately");

}

else {

System.out.println("It doesn't Calculates the cost accurately");

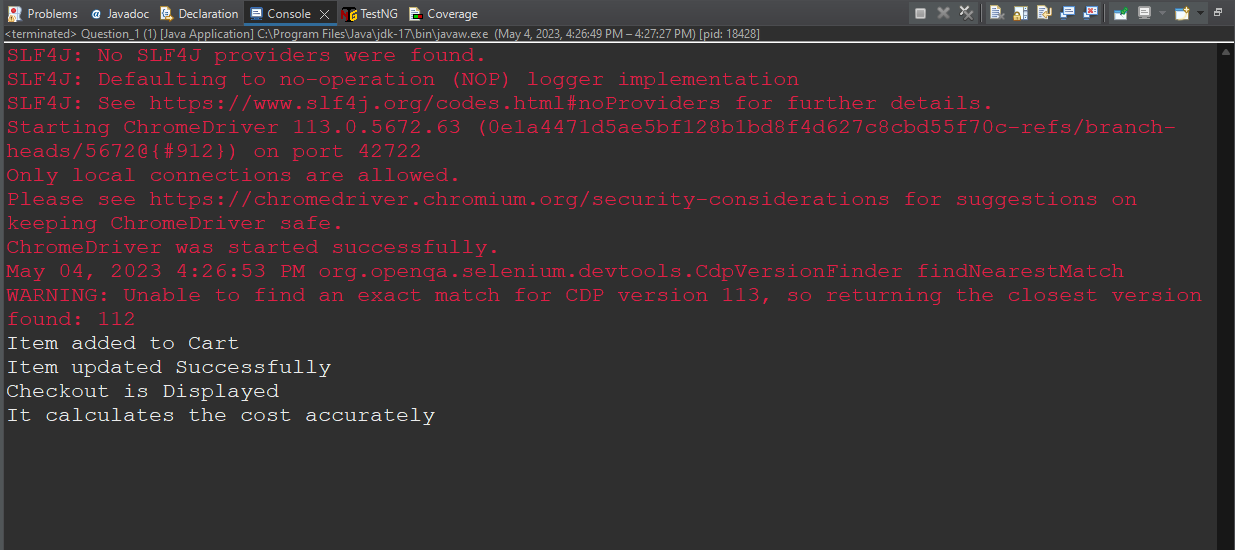
}

driver.quit();

}

}

OUTPUT:



2 )

package CIA\_1;

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<=5; 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");

}

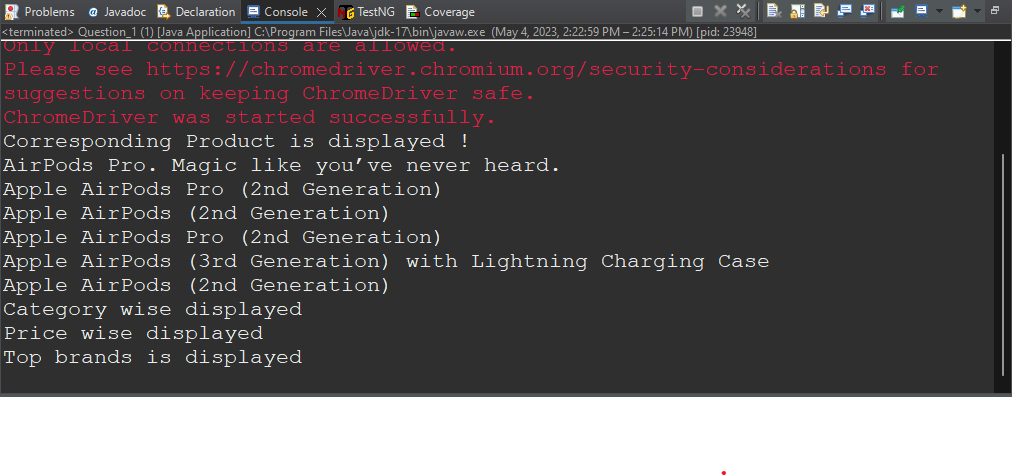
Thread.sleep(4000);

driver.close();

}

}

OUTPUT:



3)

package CIA\_1;

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-link-accountList\"]")).click();

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("6369442740");

email.sendKeys(Keys.ENTER);

Thread.sleep(5000);

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

password.sendKeys("Shree@54321");

password.sendKeys(Keys.ENTER);

Thread.sleep(5000);

// driver.findElement(By.xpath("//\*[@id=\"ap\_password\"]")).sendKeys("Shree@54321");

//

// Thread.sleep(4000);

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

//

Thread.sleep(4000);

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

// driver.findElement(By.xpath("//\*[@id=\"nav-al-your-account\"]/a[1]/span")).click();

String message = "Your Account";

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

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:

