SOFTWARE TESTING

CIA 1

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Q1:

**package** com.cia1;

**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** CIA\_Q1{

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

// **TODO** Auto-generated method stub

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

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

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

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

driver.get("https://www.amazon.in/ASUS-15-6-inch-GeForce-Windows-FA506IHRZ-HN111W/dp/B0B5DZTNZQ?ref\_=Oct\_DLandingS\_D\_6c1a28b8\_61");

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

String title = driver.getTitle();

String etitle = "ASUS TUF Gaming A15, 15.6-inch (39.62 cms) FHD 144Hz, AMD Ryzen 5 4600H, 4GB NVIDIA GeForce GTX 1650, Gaming Laptop (8GB/512GB SSD/Windows 11/Black/2.3 Kg), FA506IHRZ-HN111W : Amazon.in: Computers & Accessories";

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:" + present);

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/ASUS-15-6-inch-GeForce-Windows-FA506IHRZ-HN111W/dp/B0B5DZTNZQ?ref\_=Oct\_DLandingS\_D\_6c1a28b8\_61");

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");

}

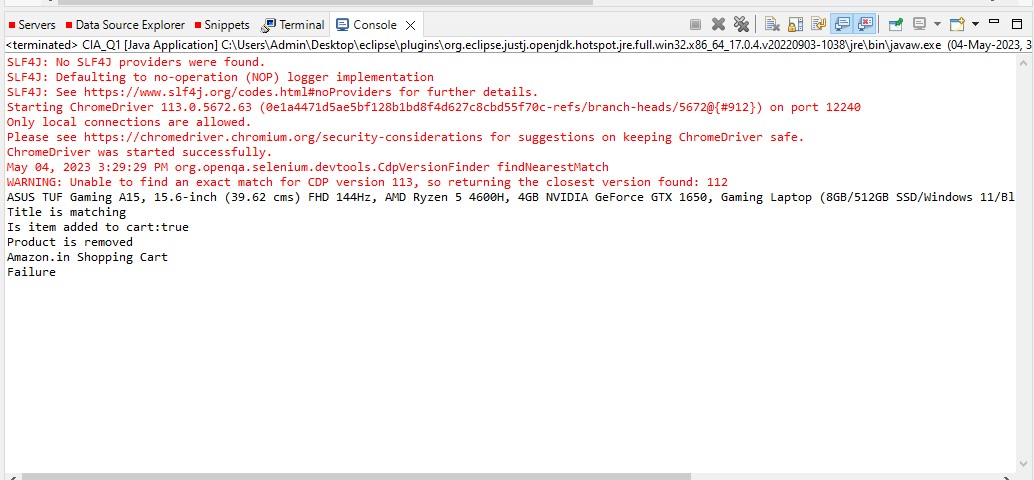
**else** {

System.***out***.println("Failure");

}

}

}

OUTPUT:

Q2:

**package** com.cia1;

**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** CIA\_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("macbook");

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

String txt1=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(txt1);

String txt2=driver.findElement(By.*xpath*("//\*[@id=\"search\"]/div[1]/div[1]/div/span[1]/div[1]/div[4]/div/div/div/div/div/div/div/div[2]/div/div/div[1]/h2/a/span")).getText();

System.***out***.println(txt2);

String txt3=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(txt3);

String txt4=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(txt4);

String txt5=driver.findElement(By.*xpath*("//\*[@id=\"search\"]/div[1]/div[1]/div/span[1]/div[1]/div[7]/div/div/div/div/div/div[2]/div/div/div[1]/h2/a/span")).getText();

System.***out***.println(txt5);

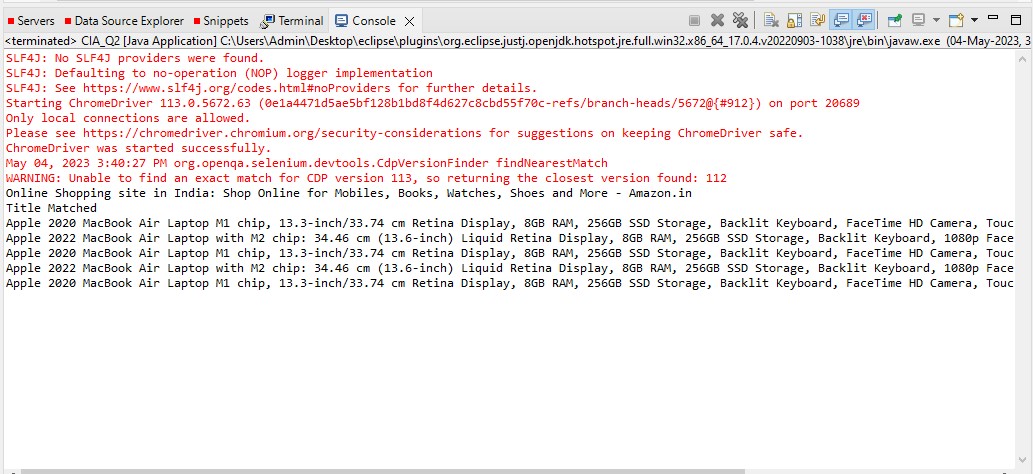
//filter

driver.findElement(By.*xpath*("//\*[@id=\"p\_36/7252032031\"]/span/a/span")).click();

driver.findElement(By.*xpath*("//\*[@id=\"p\_n\_pattern\_browse-bin/1464446031\"]/span/a/span")).click();

}

}

OUTPUT:

Q3:

**package** com.cia1;

**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** CIA\_Q3 {

**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("9384409299");

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

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

txtBox2.sendKeys("varun@18");

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:

