

727721euit131_SABARI RAJ N

CIA 1

EXERCISE 1:

```
package com.Test.Cia1;

import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.chrome.ChromeDriver;
import org.openqa.selenium.firefox.FirefoxDriver;
import io.github.bonigarcia.wdm.WebDriverManager;

public class Cia1_3 {

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

        WebDriverManager.chromedriver().setup();

        WebDriver driver = new ChromeDriver();

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

        driver.get("https://www.amazon.in/ASUS-15-6-inch-GeForce-Windows-FA506IHRZ-HN11W/dp/B0B5DZTNZQ?ref_=Oct_DLandingS_D_6c1a28b8_61");

        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 Matched");

        }

        else {

            System.out.println("Title is Mismatched");

        }

        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("Item added to cart:" + present);

driver.get("https://www.amazon.in/gp/cart/view.html/ref=dp_atrch_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-HN11W/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_atrch_dss_cart?");

Thread.sleep(5000);

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

driver.findElement(By.xpath("//*[@id=\"quantity_2\"]")).click();

System.out.println("Product is updated to quantity 2");

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("Checkout Failure");

}

else {

System.out.println("Checkout Success");

}

}

}
```

OUTPUT:

```
Please see https://chromedriver.chromium.org/security-considerations for suggestions on keeping ChromeDriver safe.
ChromeDriver was started successfully.
Apr 12, 2023 4:00:01 PM org.openqa.selenium.devtools.CdpVersionFinder findNearestMatch
WARNING: Unable to find an exact match for CDP version 112, so returning the closest version found: 111
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.
Title is Matched
Item added to cart:true
Product is removed
Product is updated to quantity 2
Amazon.in Shopping Cart
Checkout Success
```

EXERCISE 2:

```
package com.Test.Cial;

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 io.github.bonigarcia.wdm.WebDriverManager;

public class App {

    public static void main( String[] args )

    {

        ChromeOptions co=new ChromeOptions();

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

        WebDriverManager.chromedriver().setup();//setting up chrome driver

        WebDriver driver=new ChromeDriver();

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

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

```

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

String a=driver.getTitle();

if(a.equals("Amazon.in : Mobiles")) {

    System.out.print("Title is Matched\n");

}

else {

    System.out.print("Title is Mismatched");

}

List<WebElement> li=driver.findElements(By.className("s-line-clamp-2"));

for(int i=0;i<5;i++) {

System.out.println(li.get(i).getText());

}

driver.findElement(By.xpath("//*[@id=\"p_36/1318505031\"]/span/a/span")).click(
);

try {

    Thread.sleep(5000);

} catch (InterruptedException e) {

    // TODO Auto-generated catch block

    e.printStackTrace();

}

WebElement
b=driver.findElement(By.xpath("//*[@id=\"search\"]/div[1]/div[1]/div/span[1]/di
v[1]/div[2]/div/div/div/div/div/div/div/div[2]/div/div/div[3]/div[1]/div/div[1]
/div[2]/a/span[1]/span[2]/span[2]"));

//System.out.print("Price 5,000-10,000 :"+b.getText());

driver.findElement(By.xpath("//*[@id=\"p_89/Samsung\"]/span/a/div/label/i")).cl
ick();

try {

    Thread.sleep(5000);

}

```

```

} catch (InterruptedException e) {

    // TODO Auto-generated catch block

    e.printStackTrace();

}

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

System.out.print("Price 5,000-10,000 & Samsung: "+ c.getText());

}

}

```

OUTPUT :

```

ChromeDriver was started successfully.
Apr 12, 2023 2:39:18 PM org.openqa.selenium.devtools.CdpVersionFinder findNearestMatch
WARNING: Unable to find an exact match for CDP version 112, so returning the closest version found: 111
Title is Matched
Redmi Note 12 5G Matte Black 6GB RAM 128GB ROM | 1st Phone with 120Hz Super AMOLED and Snapdragon® 4 Gen 1 | 48MP AI Triple Camera
Tecno Spark 9 (Infinity Black, 4GB RAM, 64GB Storage) | 7GB Expandable RAM | Helio G37 Gaming Processor
Samsung Galaxy M04 Dark Blue, 4GB RAM, 64GB Storage | Upto 8GB RAM with RAM Plus | MediaTek Helio P35 Octa-core Processor | 5000 mAh Battery | 13MP
Redmi A1 (Light Blue, 2GB RAM, 32GB Storage) | Segment Best AI Dual Cam | 5000mAh Battery | Leather Texture Design | Android 12
OnePlus Nord CE 2 Lite 5G (Black Dusk, 6GB RAM, 128GB Storage)
Price 5,000-10,000 :6,299Price 5,000-10,000 & Samsung: Samsung Galaxy M04 Dark Blue, 4GB RAM, 64GB Storage | Upto 8GB RAM with RAM Plus | MediaTek

```

EXERCISE 3:

```

package com.Test.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 Cia1_3 {

```

```

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
txtBox1=driver.findElement(By.xpath("//*[@id=\"ap_email\"]"));

    txtBox1.sendKeys("8688797149");

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

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

    txtBox2.sendKeys("C0llin_H00v3r");

```

```

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

        System.out.print("Sign In Success\n");

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

        if(driver.getTitle().equals("Your Account")){

            System.out.println("Your Order Page Is Displayed");

        }

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

        System.out.println("User can Track the Package");

driver.findElement(By.xpath("//*[@id=\"a-autoid-2-announce\"]")).click();

        //*[@id="primaryStatus"] /span

driver.findElement(By.xpath("//*[@id=\"ordersInPackage-container\"] /div/div/a[1]")).click();

        System.out.println("User can view the Order Details");

    }

}

```

OUTPUT :

```

<terminated> C:\1_3 [Java Application] C:\Program Files\Java\jdk-17\bin\javaw.exe (12-Apr-2023, 4:28:08 pm - 4:28:30 pm) [pid: 39172]
Only local connections are allowed.
Please see https://chromedriver.chromium.org/security-considerations for suggestions on keeping ChromeDriver safe.
ChromeDriver was started successfully.
Apr 12, 2023 4:28:11 PM org.openqa.selenium.devtools.CdpVersionFinder findNearestMatch
WARNING: Unable to find an exact match for CDP version 112, so returning the closest version found: 111
Online Shopping site in India: Shop Online for Mobiles, Books, Watches, Shoes and More - Amazon.in
Title Matched
Sign In Success
Your Order Page Is Displayed
User can Track the Package
User can view the Order Details

```