CIA-1

1)CODE:

```
    package porm.demo.test;

import org.openqa.selenium.By;
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 CIAQ1 {
public static void main( String[] args ) throws InterruptedException
{
      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_car
t?");
     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");
     }
```

```java
		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_car
t?");
		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:


```
CIAQ1 [Java Application] C:\Users\DELL\.p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_17.0.4.v20220805-1047\jre\bin\javaw.exe  (12-Apr-2023, 4:11:32 pm) [pid: 19948]
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 4:11:38 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
Title is matching
Is item added to cart:true
Product is removed
```

2)CODE:

```java
package porm.demo.test;

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 CIAQ2 {
    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("Asus");
        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")).getTe
xt();
        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")).getTe
xt();
        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")).getTe
xt();
        System.out.println(txt5);

    driver.findElement(By.xpath("//*[@id=\"p_36/7252032031\"]/span/a/span")
).click();
        System.out.println("Over 50,000Rs");
        driver.findElement(By.xpath("//*[@id=\"p_n_pattern_browse-
bin/1464446031\"]/span/a/span")).click();
        System.out.println("500-900GB");
    }
}
```

OUTPUT:


```
CIAQ2 [Java Application] C:\Users\DELL\.p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_17.0.4.v20220805-1047\jre\bin\javaw.exe  (12-Apr-2023, 4:04:38 pm) [pid: 32068]
Apr 12, 2023 4:04:44 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
ASUS ROG Flow X13 (2022), 13.4" (34.03 cms) FHD+ 16:10, 120Hz Touch, AMD Ryzen 7 6800HS, Integrated Graphics, 2-in-1 Gaming Laptop (16GB/1TB
ASUS ROG Flow X13 (2022) RX 6850M XT eGPU, 13.4" (34.03 cm) UHD+ Touch, AMD, Ryzen 7 6800HS, Integrated Graphics, 2-in-1 Gaming Laptop (16GB/
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
ASUS Vivobook S15 OLED 2022, 15.6" 39.62 cm FHD OLED, Intel Core Evo i5-12500H 12th Gen, Thin and Light Laptop (16GB/512GB SSD/Iris Xe Graphi
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
```

3)CODE:

```
package porm.demo.test;

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;
```

```java
public class CIAQ3 {

    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("8220084761");

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

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

        txtBox2.sendKeys("shriram0813sg");


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


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

```java
        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();

    }

}
```