

CIA-1
727721EUIT174 [Vasanth M]

CASE-1:

```
package com.CIA1.Case1;

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;

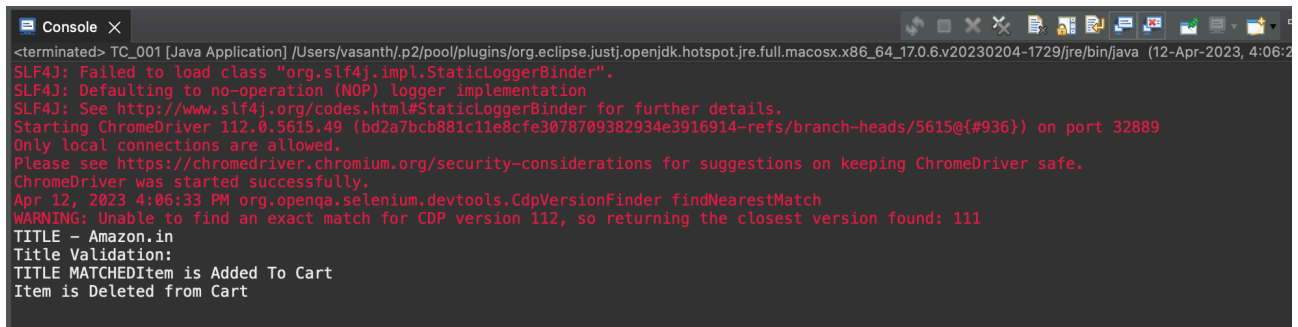
public class TC_001
{
    public static void main(String[] args) throws InterruptedException
    {
        ChromeOptions co=new ChromeOptions();
        co.addArguments("--remote-allow-origins=*");
        WebDriverManager.chromedriver().setup();
        WebDriver driver=new ChromeDriver();
        driver.get("https://www.amazon.in/si=fashion&bbn=75266043031&rh=n%3A6648217031%2Cn%3A75266043031%2Cn%3A7459781031%2Cn%3A1968024031%2Cp_85%3A10440599031%2Cp_89%3AAmazon+Brand+-+Inkast+Denim+Co.%7CAmazon+Brand+-+Symbol&dc&fs=true&hidden-keywords=-sweatshirt-masks-mask-women-girls-boys&ds=v1%3Aj8K3hMsjoqu2XSr1eRmcnXuB3kT0pjW4hT7Y5jPQDrk&pf_rd_i=1968024031&pf_rd_m=A1VBAL9TL5WCBF&pf_rd_p=7a617c2d-3699-42d9-9137-91d916105b23&pf_rd_r=JJM630HQQV08DQ6XP6S&pf_rd_s=merchandised-search-2&qid=1681203647&rnid=7459781031&ref=sr_nr_n_1");
        driver.manage().window().maximize();
        System.out.print("TITLE - ");
        System.out.println(driver.getTitle());
        String expectedTitle="Amazon.in";
        String actualTitle=driver.getTitle();
        System.out.println("Title Validation: ");
        if(actualTitle.equals(expectedTitle))
        {
            System.out.print("TITLE MATCHED");
        }
        else
        {
            System.out.print("TITLE NOT MATCHED");
        }
        Thread.sleep(2000);
        driver.navigate().to("https://www.amazon.in/Amazon-Brand-Oversized-T-Shirt-A22-TS-15_Bleached/dp/B0BDGL3ZFY/ref=sr_1_1?pf_rd_i=1968024031&pf_rd_m=A1VBAL9TL5WCBF&pf_rd_p=7a617c2d-3699-42d9-9137-91d916105b23&pf_rd_r=JJM630HQQV08DQ6XP6S&pf_rd_s=merchandised-search-2&qid=1681289418&refinements=p_85%3A10440599031%2Cp_89%3AAmazon%2BBrand%2B-%2BInkast%2BDenim%2BCo.%7CAmazon%2BBrand%2B-%2BSymbol&rnid=7459781031&rps=1&s=apparel&sr=1-1&th=1&psc=1");
        Thread.sleep(2000);
        driver.findElement(By.xpath("//*[@id=\"add-to-cart-button\"]")).click();
        String cart=driver.findElement(By.xpath("//*[@id=\"nav-cart-count\"]")).getText();
        int n=Integer.parseInt(cart);
        if(n==1)
        {
            System.out.println("Cart contains 1 item");
        }
    }
}
```

```

        System.out.println("Item is Added To Cart");
    }
    driver.findElement(By.xpath("//*[@id=\"sw-gtc\"]/span/a")).click();
    Thread.sleep(2000);
    driver.findElement(By.className("a-color-link")).click();
    Thread.sleep(2000);
    String delet=driver.findElement(By.xpath("//*[@id=\"sc-active-cart\"]/div/div[1]/div/
h1")).getText();
    String ActualDelet="Your Amazon Cart is empty.";
    if(delet.equals(ActualDelet))
    {
        System.out.print("Item is Deleted from Cart");
    }
    driver.close();
}
}

```

OUTPUT:



```

<terminated> TC_001 [Java Application] /Users/vasanth/p2/pool/plugins/org.eclipse.justi.openjdk.hotspot.jre.full.macosx.x86_64_17.0.6.v20230204-1729/jre/bin/java (12-Apr-2023, 4:06:2
SLF4J: Failed to load class "org.slf4j.impl.StaticLoggerBinder".
SLF4J: Defaulting to no-operation (NOP) logger implementation
SLF4J: See http://www.slf4j.org/codes.html#StaticLoggerBinder for further details.
Starting ChromeDriver 112.0.5615.49 (bd2a7bcb881c11e8cfe3078709382934e3916914-refs/branch-heads/5615@{#936}) on port 32889
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 4:06:33 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 - Amazon.in
Title Validation:
TITLE MATCHEDItem is Added To Cart
Item is Deleted from Cart

```

CASE-2:

```

package com.test.CA1;

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 Ce_2 {

    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/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/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/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();

```

```

SLF4J: Failed to load class "org.slf4j.impl.StaticLoggerBinder".
SLF4J: Defaulting to no-operation (NOP) logger implementation
SLF4J: See https://www.slf4j.org/codes.html#StaticLoggerBinder for further details.
Starting ChromeDriver 112.0.5615.49 (bd2a7bcb881c1e8cfa3078709382934e3916914-refs/branch-heads/56158(#936)) on port 34637
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 4:07:40 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
Apple 2020 MacBook Air Laptop M1 chip, 13.3-inch/33.74 cm Retina Display, 8GB RAM, 256GB SSD Storage, Backlit Keyboard, FaceTime HD Camera, Touch ID. Works
Apple 2022 MacBook Air Laptop with M2 chip: 34.46 cm (13.6-inch) Liquid Retina Display, 8GB RAM, 256GB SSD Storage, Backlit Keyboard, 1080p FaceTime HD Cam
Apple 2020 MacBook Air Laptop M1 chip, 13.3-inch/33.74 cm Retina Display, 8GB RAM, 256GB SSD Storage, Backlit Keyboard, FaceTime HD Camera, Touch ID. Works
Apple 2020 MacBook Air Laptop M1 chip, 13.3-inch/33.74 cm Retina Display, 8GB RAM, 256GB SSD Storage, Backlit Keyboard, FaceTime HD Camera, Touch ID. Works
Apple 2022 MacBook Air Laptop with M2 chip: 34.46 cm (13.6-inch) Liquid Retina Display, 8GB RAM, 256GB SSD Storage, Backlit Keyboard, 1080p FaceTime HD Cam

```

CASE-3:

```
package com.test.CA1;
```

```

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 Ce_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("9344707647");
        driver.findElement(By.xpath("//*[@id=\"continue\"]")).click();
        WebElement txtBox2=driver.findElement(By.xpath("//*[@id=\"ap_password\"]"));
        txtBox2.sendKeys("vasa@2003");
        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();

```

```

SLF4J: See http://www.slf4j.org/codes.html#StaticLoggerBinder for further details.
Starting ChromeDriver 112.0.5615.49 (bd2a7bcb881c11e8cfe3078709382934e3916914-refs/branch-heads/5615@{#936}) on port 46763
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 4:20:32 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

```