

CA-1

727721EUIT154
Sounder.k

1->Adding,Removing,Updating from Cart,Validating signin page navigation

TC_001

Code:

```
package com.Sounder.Ca1.Ques1;

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 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/");

        Thread.sleep(2000);

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

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

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

        Thread.sleep(2000);

        driver.navigate().to("https://www.amazon.in/Nike-Men-Blazer-VNTG-Bq6806/dp/B08Q8RRR6B/ref=sr_1_1?crid=1X76VXIHRGPCH&keywords=Nike+blazer+shoes&qid=1681289171&srefix=nike+blazer+shoes%2Caps%2C1217&sr=8-1") ;

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

        WebElement cart=driver.findElement(By.xpath("//*[@id=\"nav-cart-count\"]"));

        if(cart.getText().equals("1")) {

            System.out.print("Added to cart is working successfully");

        }else {

            System.out.print("Added to cart is not working successfully");

        }

    }

}
```

Output:

```
<terminated> TC_001 [Java Application] /Users/shyam/.p2/pool/plugins/org.eclipse.justj.openjdk.hotspot.jre.full.macosx.x86_64_17.0.6.v20230204-1729/jre/bin/java (12-A
SLF4J: No SLF4J providers were found.
SLF4J: Defaulting to no-operation (NOP) logger implementation
SLF4J: See https://www.slf4j.org/codes.html#noProviders for further details.
Starting ChromeDriver 112.0.5615.49 (bd2a7bcb881c11e8cfe3078709382934e3916914-refs/branch-heads/5615@{#936}) on port 2217
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 2:52:39 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
Added to cart is working successfully
```

TC_002

Code:

```
package com.Sounder.Ca1.Ques1;

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 TC_002 {

    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/");

Thread.sleep(2000);

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

driver.findElement(By.xpath("//*[@id=\"twotabsearchtextbox\"]")).sendKeys("Nike blazer shoes");

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

Thread.sleep(2000);

driver.navigate().to("https://www.amazon.in/Nike-Men-Blazer-VNTG-Bq6806/dp/B08Q8RRR6B/ref=sr_1_1?crid=1X76VXIHRGPCH&keywords=Nike+blazer+shoes&qid=1681289171&srefix=nike+blazer+shoes%2Caps%2C1217&sr=8-1");

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

driver.navigate().to("https://www.amazon.in/gp/cart/view.html?ref_=nav_cart");

Thread.sleep(2000);

WebElement cart=driver.findElement(By.xpath("//*[@id=\"nav-cart-count\"]"));

if(cart.getText().equals("0")) {

    System.out.print("Removing from cart is working successfully");
```

```

    }else {

        System.out.print("Removing from cart is not working
successfully");

    }

}

}
}

```

Output:

```

<terminated> TC_002 [Java Application] /Users/shyam/.p2/pool/plugins/org.eclipse.justj.openjdk.hotspot.jre.full.macosx.x86_64_17.0.6.v20230204-1729/jre/bin/java (12-4
SLF4J: No SLF4J providers were found.
SLF4J: Defaulting to no-operation (NOP) logger implementation
SLF4J: See https://www.slf4j.org/codes.html#noProviders for further details.
Starting ChromeDriver 112.0.5615.49 (bd2a7bcb881c11e8cfe3078709382934e3916914-refs/branch-heads/5615@{#936}) on port 30558
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 2:55:00 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
Removing from cart is working successfully

```

TC_003

Code:

```

package com.Sunder.Ca1.Ques1;

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 TC_003 {

    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/");

Thread.sleep(2000);

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

driver.findElement(By.xpath("//*[@id=\"twotabsearchtextbox\"]")).sendKeys("Nike blazer shoes");

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

Thread.sleep(2000);

driver.navigate().to("https://www.amazon.in/Nike-Men-Blazer-VNTG-Bq6806/dp/B08Q8RRR6B/ref=sr_1_1?crd=1X76VXIHRGPCH&keywords=Nike+blazer+shoes&qid=1681289171&srefix=nike+blazer+shoes%2Caps%2C1217&sr=8-1");

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

driver.navigate().to("https://www.amazon.in/gp/cart/view.html?ref_=nav_cart");

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

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

```

        Thread.sleep(2000);

        WebElement cart=driver.findElement(By.xpath("//*[@id=\"nav-cart-
count\"]"));

        if(cart.getText().equals("2")) {

            System.out.print("Updating cart is working successfully");

        }else {

            System.out.print("Updating cart is not working successfully");

        }

    }

}

```

Output:

```

<terminated> TC_002 [Java Application] /Users/shyam/.p2/pool/plugins/org.eclipse.justj.openjdk.hotspot.jre.full.macosx.x86_64_17.0.6.v20230204-1729/jre/bin/java (12-7
SLF4J: No SLF4J providers were found.
SLF4J: Defaulting to no-operation (NOP) logger implementation
SLF4J: See https://www.slf4j.org/codes.html#noProviders for further details.
Starting ChromeDriver 112.0.5615.49 (bd2a7bcb881c11e8cfe3078709382934e3916914-refs/branch-heads/5615@{#936}) on port 18644
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 2:58:57 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
Updating cart is working successfully

```

TC_004

Code:

```

package com.Sounder.Ca1.Ques1;

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 TC_004 {

    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/");

        Thread.sleep(2000);

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

        driver.findElement(By.xpath("//*[@id=\"twotabsearchtextbox\"]")).sendKeys("Nike blazer shoes");

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

        Thread.sleep(2000);

        driver.navigate().to("https://www.amazon.in/Nike-Men-Blazer-VNTG-Bq6806/dp/B08Q8RRR6B/ref=sr_1_1?crd=1X76VXIHRGPCH&keywords=Nike+blazer+shoes&qid=1681289171&srefix=nike+blazer+shoes%2Caps%2C1217&sr=8-1") ;

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



```

        driver.findElement(By.xpath("//*[ @id=\"sc-buy-box-ptc-
button\"]/span/input")).click();

        WebElement ele=driver.findElement(By.xpath("//*[ @id=\"authportal-main-
section\"]/div[2]/div/div[1]/form/div/div/div/h1"));

        String actual=ele.getText();

        System.out.println(actual);

        String expected="Sign in";

        if(actual.equals(expected)) {

            System.out.print("Navigated to signin page");

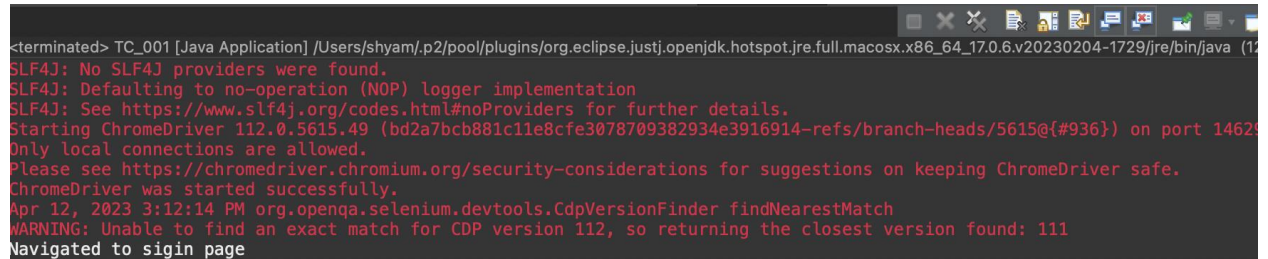
        }

    }

}

```

Output:



```

<terminated> TC_001 [Java Application] /Users/shyam/.p2/pool/plugins/org.eclipse.justj.openjdk.hotspot.jre.full.macosx.x86_64_17.0.6.v20230204-1729/jre/bin/java (17
SLF4J: No SLF4J providers were found.
SLF4J: Defaulting to no-operation (NOP) logger implementation
SLF4J: See https://www.slf4j.org/codes.html#noProviders for further details.
Starting ChromeDriver 112.0.5615.49 (bd2a7bcb881c11e8cfe3078709382934e3916914-refs/branch-heads/5615@{#936}) on port 14629
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 3:12:14 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
Navigated to signin page

```

2→Verify that the user can search any product on website and the corresponding search product details needs to be displayed

Code:

```
package com.Sounder.Ca1;

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 Ques2 {

    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("Shoes");

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

```

String a=driver.getTitle();

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

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

}

else {

    System.out.println("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()
;

WebElement
b=driver.findElement(By.xpath("//*[@id=\"search\"]/div[1]/div[1]/div/span[1]/div[1]/div[2]/d
iv/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 2,000-10,000 :"+b.getText());

```

```

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

    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"));

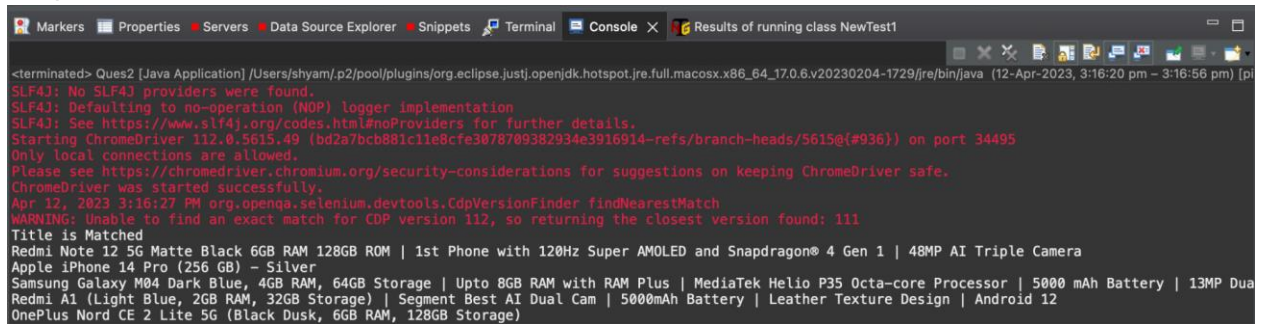
    System.out.print("Price 2,000-10,000 & Puma: "+ c.getText());

}

}

```

Output:



```

<terminated> Ques2 [Java Application] /Users/shyam/p2/pool/plugins/org.eclipse.justj.openjdk.hotspot.jre.full.macosx.x86_64.17.0.6.v20230204-1729/jre/bin/java (12-Apr-2023, 3:16:20 pm - 3:16:56 pm) [pi
SLF4J: No SLF4J providers were found.
SLF4J: Defaulting to no-operation (NOP) logger implementation
SLF4J: See https://www.slf4j.org/codes.html#noProviders for further details.
Starting ChromeDriver 112.0.5615.49 (bd2a7bcb881c11e8cfe3078709382934e3916914-refs/branch-heads/5615@{#936}) on port 34495
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 3:16:27 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
Apple iPhone 14 Pro (256 GB) - Silver
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 Dual
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)

```

3→

Code:

```

package com.Sounder.Cal;

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;

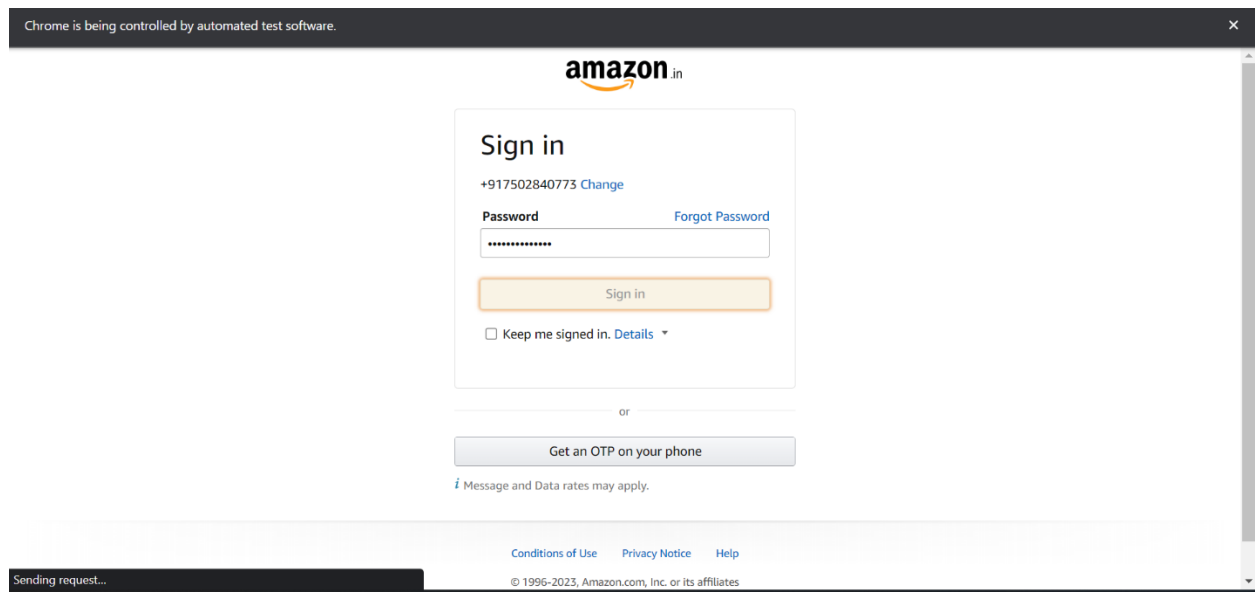
import io.github.bonigarcia.wdm.WebDriverManager;

```

```
public class Question_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("7502840773");  
  
        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();  
  
        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:





Enter verification code

For your security, we have sent the code to your phone ***-***-73.

[Resend code](#)



Please wait 54 seconds before requesting another code.

Submit code

Verify another way

Use the link sent by email or text message to approve

Need help?

If you cannot receive the code or if you changed your email or phone number, [try a different way](#).