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CA-1

1a)CODE:

```
package com.selenium.day3.ex1;

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 cal {

    public static void main(String[] args) {

        // TODO Auto-generated method stub

        WebDriverManager.chromedriver().setup();

        ChromeOptions co=new ChromeOptions();

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

        WebDriver driver=new ChromeDriver(co);

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

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

        String title=driver.getTitle();

        System.out.println("title:"+title);

        String httitle="Online Shopping site in India: Shop Online for Mobiles,
Books, Watches, Shoes and More - Amazon.in";

        if(title.equals(httitle)) {

            System.out.println("sucess");

        }

        else {
```

```

System.out.println("failed");
}

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

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

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

driver.findElement(By.xpath("//*[@id=\"nav-search-submit-
button\"]")).click(); //Thread.sleep(2000);

driver.navigate().to("https://www.amazon.in/Fossil-Smartwatch-Snapdragon
Smartphone-Notifications/dp/B09DGS966L/ref=sr_1_25?crid=2LOQNXJII74SZ
&keywords=fossil+watches&qid=1681295284&srefix=fossil+watche%2Caps%2
C405&sr=8-25") ;

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> ca1 [Java Application] C:\Users\Niranjanee\Downloads\eclipse-jee-2022-12-R-win32-x86_64\eclipse\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64.jre\bin\java.exe -Djava.library.path=C:\Users\Niranjanee\Downloads\chromedriver-win32\chromedriver.exe -jar C:\Users\Niranjanee\Downloads\chromedriver-win32\chromedriver.exe
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.
ERROR StatusLogger Log4j2 could not find a logging implementation. Please add log4j-core to the classpath. Using S
Starting ChromeDriver 112.0.5615.49 (bd2a7bcb881c11e8cfe3078709382934e3916914-refs/branch-heads/5615@{#936}) on port 9515. Only local connections are allowed.
Please see https://chromedriver.chromium.org/security-considerations for suggestions on keeping ChromeDriver safe.
ChromeDriver was started successfully.
title:Online Shopping site in India: Shop Online for Mobiles, Books, Watches, Shoes and More - Amazon.in
success
Added to cart is working successfully

```

1b)CODE:

```

package com.selenium.day3.ex1;

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 cal {

    public static void main(String[] args) {

        // TODO Auto-generated method stub

        WebDriverManager.chromedriver().setup();

        ChromeOptions co=new ChromeOptions();

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

        WebDriver driver=new ChromeDriver(co);

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

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

        String title=driver.getTitle();

        System.out.println("title:"+title);

        String htitle="Online Shopping site in India: Shop Online for Mobiles, Books, Watches, Shoes and More - Amazon.in";

        if(title.equals(htitle)) {

            System.out.println("sucess");

        }

        else {

            System.out.println("failed");

        }

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

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

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

    }

}
```

```
//Thread.sleep(2000);

driver.navigate().to("https://www.amazon.in/Fossil-Smartwatch-Snapdragon
Smartphone-Notifications/dp/B09DGS966L/ref=sr_1_25?crid=2LOQNXJII74SZ
&keywords=fossil+watches&qid=1681295284&spreffix=fossil+watche%2Caps%2
C405&sr=8-25") ;

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("/html/body/div[1]/div[2]/div[3]/div[5]/di
v/div
[2]/div[1]/div/form/div[2]/div[3]/div[4]/div/div[2]/div[1]/span[1]/span/spa
n[1]/span/ span/span/span/span[2]"));

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");

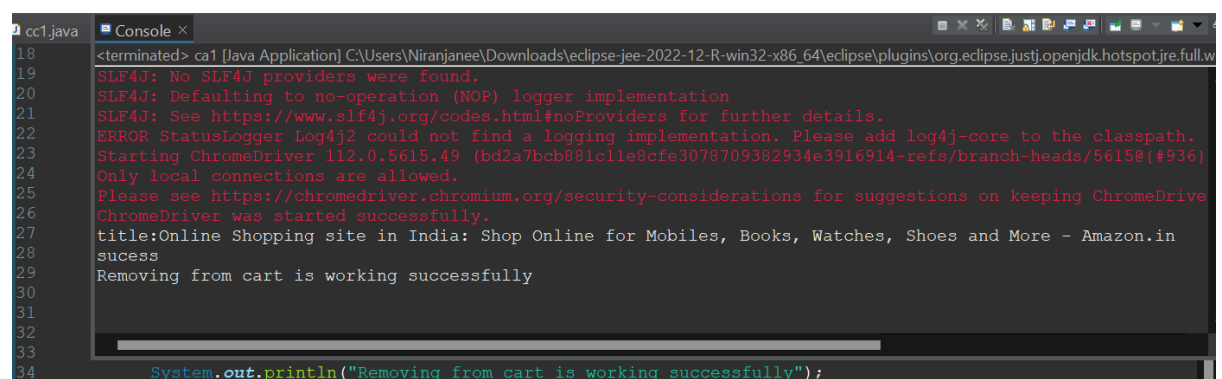
}

}

}

}
```

OUTPUT:



```
cc1.java  Console x
18 <terminated> ca1 [Java Application] C:\Users\Niranjanee\Downloads\eclipse-jee-2022-12-R-win32-x86_64\eclipse\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.w
19 SLF4J: No SLF4J providers were found.
20 SLF4J: Defaulting to no-operation (NOP) logger implementation
21 SLF4J: See https://www.slf4j.org/codes.html#noProviders for further details.
22 ERROR StatusLogger Log4j2 could not find a logging implementation. Please add log4j-core to the classpath.
23 Starting ChromeDriver 112.0.5615.49 (bd2a7bcb881c11e8cfe3078709382934e3916914-refs/branch-heads/56150{#936})
24 Only local connections are allowed.
25 Please see https://chromedriver.chromium.org/security-considerations for suggestions on keeping ChromeDrive
26 ChromeDriver was started successfully.
27 title:Online Shopping site in India: Shop Online for Mobiles, Books, Watches, Shoes and More - Amazon.in
28 sucess
29 Removing from cart is working successfully
30
31
32
33
34 System.out.println("Removing from cart is working successfully");
```

1c)CODE:

```
package com.selenium.day3.ex1;
```

```
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 cal {

    public static void main(String[] args) {

        // TODO Auto-generated method stub

        WebDriverManager.chromedriver().setup();

        ChromeOptions co=new ChromeOptions();

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

        WebDriver driver=new ChromeDriver(co);

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

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

        String title=driver.getTitle();

        System.out.println("title:"+title);

        String htitle="Online Shopping site in India: Shop Online for Mobiles, Books, Watches, Shoes and More - Amazon.in";

        if(title.equals(htitle)) {

            System.out.println("sucess");

        }

        else {

            System.out.println("failed");

        }

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

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

    }

}
```

```

driver.findElement(By.xpath("//*[@id=\"nav-search-submit-
button\"]")).click(); Thread.sleep(2000);

driver.navigate().to("https://www.amazon.in/Fossil-Smartwatch-Snapdragon
Smartphone-Notifications/dp/B09DGS966L/ref=sr_1_25?crid=2LOQNXJII74SZ
&keywords=fossil+watches&qid=1681295284&srefix=fossil+watche%2Caps%2
C405&sr=8-25") ;

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> ca1 [Java Application] C:\Users\Niranjanee\Downloads\edipse-jee-2022-12-R-win32-x86_64\edipse\plugins\org.eclipse.justi.openjdk.hotspot.jre.full.win
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.
ERROR StatusLogger Log4j2 could not find a logging implementation. Please add log4j-core to the classpath.
Starting ChromeDriver 112.0.5615.49 (bd2a7bcb881c11e8cfe3078709382934e3916914-refs/branch-heads/5615@{#936})
Only local connections are allowed.
Please see https://chromedriver.chromium.org/security-considerations for suggestions on keeping ChromeDriver
ChromeDriver was started successfully.
title:Online Shopping site in India: Shop Online for Mobiles, Books, Watches, Shoes and More - Amazon.in
success
Updating cart is working successfully

```

1d&e)CODE:

```

package com.selenium.day3.ex1;

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 ca1 {

    public static void main(String[] args) {

        // TODO Auto-generated method stub

        WebDriverManager.chromedriver().setup();

        ChromeOptions co=new ChromeOptions();

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

        WebDriver driver=new ChromeDriver(co);

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

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

        String title=driver.getTitle();

        System.out.println("title:"+title);

        String htitle="Online Shopping site in India: Shop Online for Mobiles, Books, Watches, Shoes and More - Amazon.in";

        if(title.equals(htitle)) {

            System.out.println("sucess");

        }

        else {

            System.out.println("failed");

        }

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

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

        driver.findElement(By.xpath("//*[@id=\"nav-search-submit-button\"]")).click(); //Thread.sleep(2000);

        driver.navigate().to("https://www.amazon.in/Fossil-Smartwatch-Snapdragon-Smartphone-Notifications/dp/B09DGS966L/ref=sr_1_25?crid=2LOQNXJII74SZ&keywords=fossil+watches&qid=1681295284&srefix=fossil+watche%2Caps%2C405&sr=8-25") ;

    }

}
```

```

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("checkout is working successfully and the cost details are correct");

}

else {

System.out.print("checkout working is unsuccessful , therefore cost details are not displayed");

}

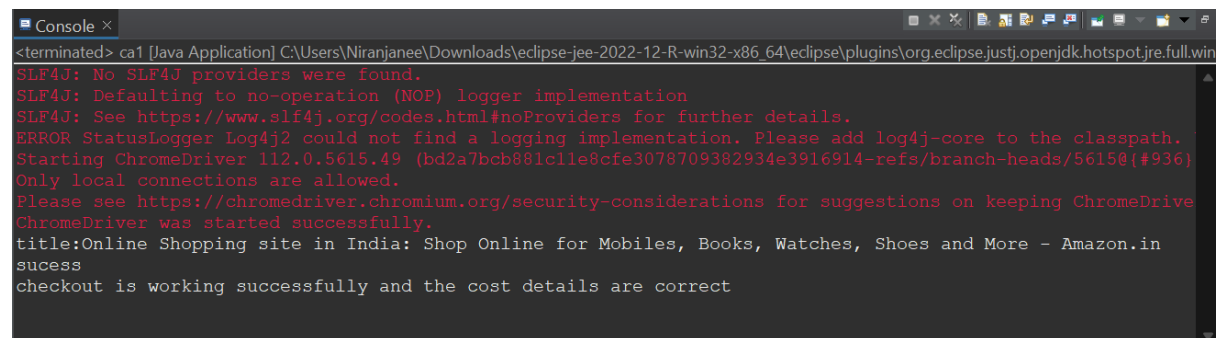
}

}

}

```

OUTPUT:



```

<terminated> ca1 [Java Application] C:\Users\Niranjanee\Downloads\eclipse-jee-2022-12-R-win32-x86_64\eclipse\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win
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.
ERROR StatusLogger Log4j2 could not find a logging implementation. Please add log4j-core to the classpath.
Starting ChromeDriver 112.0.5615.49 (bd2a7bcb881c11e8cfe3078709382934e3916914-refs/branch-heads/5615@{#936})
Only local connections are allowed.
Please see https://chromedriver.chromium.org/security-considerations for suggestions on keeping ChromeDriver
ChromeDriver was started successfully.
title:Online Shopping site in India: Shop Online for Mobiles, Books, Watches, Shoes and More - Amazon.in
success
checkout is working successfully and the cost details are correct

```

2)CODE:

```

package com.selenium.day3.ex1;

import java.util.List;

//import org.apache.xmlbeans.impl.xb.xsdschema.ListDocument.List;

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 ca2 {

    public static void main(String[] args) {

        // TODO Auto-generated method stub

        WebDriverManager.chromedriver().setup();

        ChromeOptions co=new ChromeOptions();

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

        WebDriver driver=new ChromeDriver(co);

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

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

        String title=driver.getTitle();

        System.out.println("title:"+title);

        String htitle="Online Shopping site in India: Shop Online for Mobiles, Books, Watches, Shoes and More - Amazon.in";

        if(title.equals(htitle)) {

            System.out.println("sucess");

        }

        else {

            System.out.println("failed");

        }

        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]/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 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/div[2]/div/div/div[1]/h2/a/span"));

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

}

}

```

OUTPUT:

```

Please see https://chromedriver.chromium.org/security-considerations for suggestions on keeping ChromeDriver
ChromeDriver was started successfully.
title:Online Shopping site in India: Shop Online for Mobiles, Books, Watches, Shoes and More - Amazon.in
sucess

```

```

T-Shirt1
T-Shirt2
T-Shirt3
Shirt1
T-Shirt4
Shirt4
Shirt3

```

3)CODE:

```

package com.selenium.day3.ex1;

import java.util.List;

//import org.apache.xmlbeans.impl.xb.xsdschema.ListDocument.List;

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 ca3 {

    public static void main(String[] args) {

        // TODO Auto-generated method stub

        WebDriverManager.chromedriver().setup();

        ChromeOptions co=new ChromeOptions();

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

        WebDriver driver=new ChromeDriver(co);

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

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

        String title=driver.getTitle();

        System.out.println("title:"+title);

        String htitle="Online Shopping site in India: Shop Online for Mobiles,
        Books, Watches, Shoes and More - Amazon.in";

        if(title.equals(htitle)) {

            System.out.println("sucess");

        }

        else {

            System.out.println("failed");

        }

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

        driver.findElement(By.xpath("//*[@id=\"ap_email\"]")).sendKeys("6382023425"
        );

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

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

        driver.findElement(By.xpath("//*[@id=\"ap_password\"]")).sendKeys("deeksith
        28");

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

WebElement

```
acc=driver.findElement(By.xpath("//*[@id=\"a-page\"]/div[2]/div/div[1]/h1")); String actual=acc.getText();
```

```
String expected="Your Account";
```

```
if(actual.equals(expected)) {
```

```
System.out.println("Your Account page is displayed");
```

```
}
```

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

WebElement

```
ord=driver.findElement(By.xpath("//*[@id=\"a-page\"]/section/div[1]/div[2]/div[1]/h1"));
```

```
String act=ord.getText();
```

```
String exp="Your Orders";
```

```
if(act.equals(exp)) {
```

```
System.out.println("Your Order page is displayed");
```

```
}
```

```
//
```

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

```
WebElement trac=driver.findElement(By.xpath("//*[@id=\"a-page\"]/section/div[1]/div[2]/div[1]/h1"));
```

```
String act1=ord.getText();
```

```
String exp1="Your orders";
```

```
if(act.equals(exp)) {
```

```
System.out.println("User is able to track package");
```

```
}
```

```
//
```

```
driver.findElement(By.xpath("//*[@id=\"pop\"]/div/div[2]/div/div[1]/div/div[3]/div/div/div/div/div[2]/div/div/a")).click();
```

```
System.out.println("User is able to view their products");
```

```
}  
  
}
```

OUTPUT:

```
<terminated> ca1 [Java Application] C:\Users\Niranjanee\Downloads\eclipse-jee-2022-12-R-win32-x86_64\eclipse\plugins\org.eclipse.justi.openjdk.hotspot.jre.full.win32.x86_64
SLF4J: See https://www.slf4j.org/codes.html#noProviders for further details.
ERROR StatusLogger Log4j2 could not find a logging implementation. Please add log4j-core to the classpath. Using Sit
Starting ChromeDriver 112.0.5615.49 (bd2a7bcb881c11e8cfe3078709382934e3916914-refs/branch-heads/5615@{#936}) on port
Only local connections are allowed.
Please see https://chromedriver.chromium.org/security-considerations for suggestions on keeping ChromeDriver safe.
ChromeDriver was started successfully.
title:Online Shopping site in India: Shop Online for Mobiles, Books, Watches, Shoes and More - Amazon.in
sucess
Your Account page is displayed
Your Order page is displayed
User is able to track package
User is able to view their products
```