

CA - 1

QUES 1) i

CODING :

```
package com.testcase;

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;
/**

* Hello world!

*

*/

public class App

{

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

{

driver.get("https://www.amazon.in/"); Thread.sleep(2000);
driver.manage().window().maximize();
driver.findElement(By.xpath("//*[@id=\"twotabsearchtextbox\"]")).click();

driver.findElement(By.xpath("//
*[@id=\"twotabsearchtextbox\"]")).sendKeys("Boat 551ANC Headphones");
driver.findElement(By.xpath("//*[@id=\"nav-search-submit-
button\"]")).click(); Thread.sleep(2000);
driver.navigate().to("//*[@id=\"search\"]/div[1]/div[1]/div/span[1]/div[1]/
div[4]/div/div/div/div/div");
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");
}else {

System.out.print("Not Added to cart");

}

}

}
```

OUTPUT:

```
<terminated> App (1) [Java Application] /Users/deeksith/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
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 8303
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 3:53:59 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
```

ii)

CODING :

```
package com.testcase;

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 App2 {
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("fossil watches");
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"
);

Thread.sleep(2000);

WebElement cart=driver.findElement(By.xpath("/html/body/div[1]/div[2]/
div[3]/div[5]/div/div [2]/div[1]/div/form/div[2]/div[3]/div[4]/div/div[2]/
div[1]/span[1]/span/span[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 :

```

<terminated> App2 [Java Application] /Users/deeksith/p2/pool/plugins/org.eclipse.justj.openjdk.hotspot.jre.full.macosx.x86_64_17.0.6.v20230204-1729/jre/bin/java (12-Apr-2023, 4:12:41 PM)
SLF4J: No SLF4J providers were found.
SLF4J: <terminated> App2 [Java Application] /Users/deeksith/p2/pool/plugins/org.eclipse.justj.openjdk.hotspot.jre.full.macosx.x86_64_17.0.6.v20230204-1729/jre/bin/java (12-Apr-2023, 4:12:41 PM)
SLF4J: deeksith/p2/pool/plugins/org.eclipse.justj.openjdk.hotspot.jre.full.macosx.x86_64_17.0.6.v20230204-1729/jre/bin/java (12-Apr-2023, 4:12:41 PM)
SLF4J: ml#noProviders for further details.
Start org.eclipse.justj.openjdk.hotspot.jre.full.macosx.x86_64_17.0.6.v20230204-1729/jre/bin/java (12-Apr-2023, 4:12:41 PM)
Only .x86_64_17.0.6.v20230204-1729/jre/bin/java (12-Apr-2023, 4:12:41 PM)
Please (12-Apr-2023, 4:12:41 PM - 4:13:19 PM) [pid: 14634] org/security-considerations for suggestions on keeping ChromeDriver safe.
Chrom 14634]
Apr 12, 2023 4:12:41 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

```

iii)

```
package com.testcase;
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 App2 {

    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("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?

    c r i d = 2 L O Q N X J I I 7 4 S Z

    &keywords=fossil+watches&qid=1681295284&sprefix=fossil+watche%2Cap

    s%2C405&sr=8-25") ;

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

```

driver.navigate().to("https://www.amazon.in/gp/cart/view.html?ref_=nav_cart"
);
driver.findElement
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> App2 [Java Application] /Users/deeksith/p2/pool/plugins/org.eclipse.justi.openjdk.hotspot.jre.full.macosx.x86_64_17.0.6.v20230204-1729/jre/bin/java (12-Apr-2023, 4:17
SLF4J: No SLF4J providers were found.
SLF4J <terminated> App2 [Java Application] /Users/ logger implementation
SLF4J deeksith/p2/pool/plugins/ tml#noProviders for further details.
Star org.eclipse.justi.openjdk.hotspot.jre.full.macosx a7bcb881c11e8cfe3078709382934e3916914-refs/branch-heads/5615@{#936}} on port 22759
Only .x86_64_17.0.6.v20230204-1729/jre/bin/java
Plea (12-Apr-2023, 4:17:22 pm - 4:18:13 pm) [pid: 1.org/security-considerations for suggestions on keeping ChromeDriver safe.
Chro 14748]
Apr 12, 2023 4:17:31 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

```

iv)

package com.testcase;

```

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 App2 {
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("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.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 (
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 146
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 sign page
```

2)

```
package com.testcase; 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 App2 {
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("S
hoes");
driver.findElement(By.xpath("//*[@id=\"twotabsearchtextbox\"]")).sendKeys(K
eys.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());

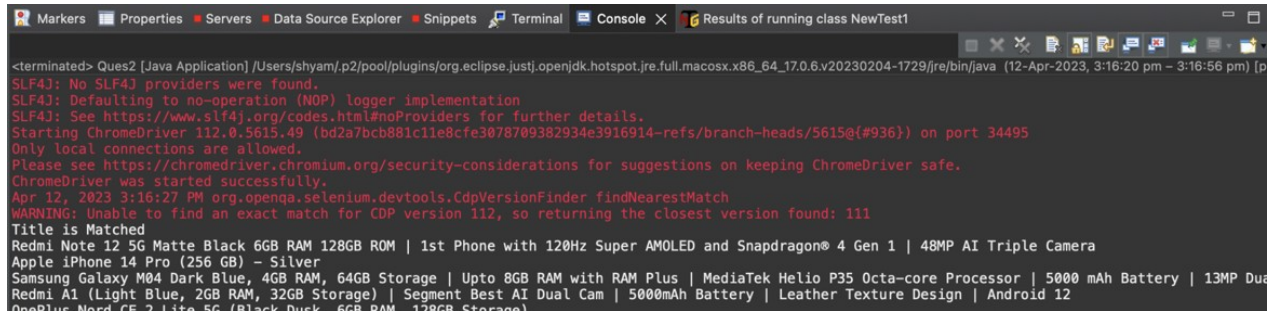
}

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]/div/div/div/div/div/div/div/div[2]/div/div/div[3]/div[1]/div/
div[1]/div[2]/a/sp an[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")).c
lick();
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[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.justi.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) [p
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 Du
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

```
package com.testcase;
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 App2 {
public static void main( String[] args ){ ChromeOptions co=new ChromeOptions();
co.addArguments("--remote-allow-origins=*");
WebDriverManager.chromedriver().setup(); WebDriver driver=new ChromeDriver();
driver.get("https://www.amazon.in/ap/signin?openid.pape.max_auth_age=0&
openid.return_to=https%3A%2F%2Fwww.amazon.in%2F%3Fref_%3Dnav_ya_s
signin&openid.identity=http%3A%2F%2Fspecs.openid.net%2Fauth%2F2.0%2Ffi
dentifier_select&openid.assoc_handle=inflex&openid.mode=checkid_setup&
openid.claimed_id=http%3A%2F%2Fspecs.openid.net%2Fauth%2F2.0%2Fide
ntifier_select&openid.ns=http%3A%2F%2Fspecs.openid.net%2Fauth%2F2.0&"
);

//signin 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]/di
v/div/div/div/div[2]/div/div/a")).click();
System.out.println("User is able to view their products");

}

```