

CA\_1:

1)

```
package sample1.testsample;
```

```
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 org.openqa.selenium.support.ui.Select;
```

```
import org.testng.annotations.Test;
```

```
import io.github.bonigarcia.wdm.WebDriverManager;
```

```
public class CA1 {
```

```
    @Test
```

```
    public void f() throws InterruptedException {
```

```
        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();
```

```
        Thread.sleep(5000);
```

```
        WebElement c1 =
```

```
        driver.findElement(By.xpath("/html/body/div[1]/div[2]/div[2]/div[2]/div/div[1]/div/div/div[2]/div/ul/li[2]/span/a/div[1]/div/img"));
```

```
        c1.click();
```

```
Thread.sleep(5000);
```

```
WebElement c2 =  
driver.findElement(By.xpath("/html/body/div[1]/div[3]/div/div[2]/div/ul/li[1]/span/div/div[1]/a/div")  
);
```

```
c2.click();
```

```
Thread.sleep(5000);
```

```
WebElement c4 =  
driver.findElement(By.xpath("/html/body/div[4]/div[2]/div[3]/div[8]/div[7]/div/div[1]/div/div[1]/div/  
div/div[2]/div/div[2]/div/form/div/div/div[32]/div[1]/span/span/span/input"));
```

```
c4.click();
```

```
Thread.sleep(5000);
```

```
WebElement c5 =  
driver.findElement(By.xpath("/html/body/div[8]/div[3]/div[1]/div/div/div[2]/div[2]/div/div/div[3]/div  
/span[2]/span"));
```

```
c5.click();
```

```
Thread.sleep(5000);
```

```
WebElement c6 =  
driver.findElement(By.xpath("/html/body/div[1]/header/div/div[1]/div[3]/div/a[4]"));
```

```
c6.click();
```

```
WebElement c91 =  
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]/ul/li[1]/span/a/span[1]/span/span[2]"));
```

```
System.out.println(c91.getText());
```

```
WebElement c9 =  
driver.findElement(By.xpath("/html/body/div[1]/div[2]/div[3]/div[5]/div/div[2]/div[1]/div/form/div[3]  
]));
```

```
System.out.println(c9.getText());
```

```
//delete
```

```
WebElement c7 =  
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[2]/span/input"));
```

```
c7.click();
```

```
Thread.sleep(5000);
```

```
Select dropdown4 = new Select(driver.findElement(By.className("a-button-text a-  
declarative")));
```

```
dropdown4.selectByVisibleText("3");
```

```
WebElement c71 =  
driver.findElement(By.xpath("/html/body/div[1]/div[2]/div[3]/div[5]/div/div[2]/div[1]/div/form/div[3]  
]));
```

```
System.out.println(c71.getText());
```

```
WebElement c8 =  
driver.findElement(By.xpath("/html/body/div[1]/div[2]/div[3]/div[5]/div/div[2]/div[1]/div/form/div[2]  
]));
```

```
System.out.println(c8.getText());
```

```
driver.get("https://www.amazon.in/gp/product/B0BDHY3LFJ/ref=ox_sc_act_title_delete_1?smid=A1  
4CZOWI0VEHLG&psc=1");
```

```
Thread.sleep(5000);
```

```
WebElement c12 =  
driver.findElement(By.xpath("/html/body/div[4]/div[2]/div[3]/div[8]/div[7]/div/div[1]/div/div/div/for  
m/div/div/div/div/div[3]/div/div[33]/div[1]/span/span/span/input"));
```

```
c12.click();
```

```
Thread.sleep(10000);
```

```
WebElement c55 =  
driver.findElement(By.xpath("/html/body/div[1]/header/div/div[1]/div[3]/div/a[4]"));  
c55.click();
```

```
Thread.sleep(5000);
```

```
Thread.sleep(5000);
```

```
WebElement c10 =  
driver.findElement(By.xpath("/html/body/div[1]/div[2]/div[3]/div[5]/div/div[2]/div[1]/div/form/div[3]"));
```

```
System.out.println(c10.getText());
```

```
Thread.sleep(5000);
```

```
WebElement c11 =  
driver.findElement(By.xpath("/html/body/div[1]/div[2]/div[3]/div[5]/div/div[1]/div[1]/div/form/div/div[3]/span/span/span/input"));
```

```
c11.click();
```

```
Thread.sleep(5000);
```

```
WebElement c15 = driver.findElement(By.id("ap_email"));
```

```
c15.click();
```

```
c15.sendKeys("9715507273");
```

```
c15.sendKeys(Keys.ENTER);
```

```
Thread.sleep(5000);
```

Name : Rahul L  
Reg No : 727721eucs113

```
WebElement c16 = driver.findElement(By.id("ap_password"));
```

```
c16.click();
```

```
c16.sendKeys("Rahul@1812");
```

```
c16.sendKeys(Keys.ENTER);
```

```
Thread.sleep(5000);
```

```
}
```

```
}
```

```
<terminated> CA1 [TestNG] C:\Users\lrahu\Downloads\eclipse-jee-2022-09-R-win32-x86_64\eclipse\plugins\org.eclipse
[RemoteTestNG] detected TestNG version 7.4.0
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/112@{#})
Only local connections are allowed.
Please see https://chromedriver.chromium.org/security-considerations for suggestions on keeping it secure.
ChromeDriver was started successfully.
Added to cart successfully

Apple iPhone 14 (128 GB) - Starlight

Subtotal (1 item): 67,999.00

updated 3 quantities successfully

Subtotal (3 items): 2,03,997.00

Deleted or removed product successfully

checkout is working correctly and cost for the product is verified
PASSED: f

=====
Default test
Tests run: 1, Failures: 0, Skips: 0
=====

=====
Default suite
Total tests run: 1, Passes: 1, Failures: 0, Skips: 0
=====
```

2)

```
package sample1.testsample;
```

```
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 org.testng.annotations.Test;
```

```
import io.github.bonigarcia.wdm.WebDriverManager;
```

```
public class CA1_2 {
```

```
    @Test
```

```
    public void f() throws InterruptedException {
```

```
        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();
```

```
        Thread.sleep(5000);
```

```
        WebElement c1 =
```

```
driver.findElement(By.xpath("/html/body/div[1]/header/div/div[1]/div[2]/div/form/div[2]/div[1]/input"));
```

```
        c1.click();
```

```
        c1.sendKeys("airpods");
```

```
        c1.sendKeys(Keys.ENTER);
```

```
System.out.println("User has been searched a product \n");

WebElement c8 =
driver.findElement(By.xpath("/html/body/div[1]/div[2]/div[1]/div[1]/div/span[1]/div[1]/div[3]/div/div/div/div/div/div/div[2]/div/div/div[1]/h2"));

System.out.println(c8.getText());

WebElement c81 =
driver.findElement(By.xpath("/html/body/div[1]/div[2]/div[1]/div[1]/div/span[1]/div[1]/div[4]/div/div/div/div/div/div/div[2]/div/div/div[1]/h2"));

System.out.println(c81.getText());

WebElement c82 =
driver.findElement(By.xpath("/html/body/div[1]/div[2]/div[1]/div[1]/div/span[1]/div[1]/div[5]/div/div/div/div/div/div/div[2]/div/div/div[1]/h2"));

System.out.println(c82.getText());

WebElement c83 =
driver.findElement(By.xpath("/html/body/div[1]/div[2]/div[1]/div[1]/div/span[1]/div[1]/div[6]/div/div/div/div/div/div/div[2]/div/div/div[1]/h2"));

System.out.println(c83.getText());

WebElement c84 =
driver.findElement(By.xpath("/html/body/div[1]/div[2]/div[1]/div[1]/div/span[1]/div[1]/div[7]/div/div/div/div/div/div/div[2]/div/div/div[1]/h2"));

System.out.println(c84.getText());

Thread.sleep(10000);

WebElement c85 =
driver.findElement(By.xpath("/html/body/div[1]/div[2]/div[1]/div[2]/div/div[3]/span/div/div/div/div[2]/ul/span[1]/li/span/a/div/label/i"));

c85.click();

System.out.println("\n Filter based on delivery have been applied \n");

Thread.sleep(5000);

WebElement c86 =
driver.findElement(By.xpath("/html/body/div[1]/div[2]/div[1]/div[2]/div/div[3]/span/div/div/div/div[6]/ul[2]/span/li/span/a/div/label/i"));
```

```
c86.click();

System.out.println("Filter based on todays deal applied \n");

Thread.sleep(5000);

WebElement c87 =
driver.findElement(By.xpath("/html/body/div[1]/div[2]/div[1]/div[2]/div/div[3]/span/div/div/div/div[6]/ul[1]/span[3]/li/span/a/span"));

c87.click();

Thread.sleep(5000);

System.out.println("Filter based on prices have been applied");

}

}
```

```
[RemoteTestNG] detected TestNG version 7.4.0
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/56150{#936})
Only local connections are allowed.
Please see https://chromedriver.chromium.org/security-considerations for suggestions on keeping ChromeDriver
ChromeDriver was started successfully.
User has been searched a product

Apple AirPods Pro (2nd Generation)
Apple AirPods (2nd Generation)
Apple AirPods Pro (2nd Generation)
Apple AirPods (2nd Generation)
Apple AirPods (3rd Generation) with Lightning Charging Case

Filter based on delivery have been applied |

Filter based on todays deal applied

Filter based on prices have been applied
PASSED: f

=====
Default test
Tests run: 1, Failures: 0, Skips: 0
=====

=====
Default suite
Total tests run: 1, Passes: 1, Failures: 0, Skips: 0
=====
```



3)

```
package sample1.testsample;

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 org.testng.annotations.Test;
import io.github.bonigarcia.wdm.WebDriverManager;

public class CA1_3 {

    @Test

    public void f() throws InterruptedException {

        WebDriverManager.edgedriver().setup();

        WebDriver driver=new ChromeDriver();

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

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

        String title=driver.getTitle();

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

        String title1="Online Shopping site in India: Shop Online for Mobiles, Books,
Watches, Shoes and More - Amazon.in";

        if(title1.equals(title)) {

            System.out.println("sucess");

        }

        else {

            System.out.println("failed");

        }

        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_signin&openid.identity=http%3A%2F%2Fspecs.openid.net%2Fauth%2F2.0%2Fidentifier_select&openid.assoc_handle=inflex&openid.mod
```

```
e=checkid_setup&openid.claimed_id=http%3A%2F%2Fspecs.openid.net%2Fauth%2F2.0%2Fidentifier_select&openid.ns=http%3A%2F%2Fspecs.openid.net%2Fauth%2F2.0&");
```

```
Thread.sleep(5000);  
driver.findElement(By.xpath("//*[@id=\"ap_email\"]")).click();  
driver.findElement(By.xpath("//*[@id=\"ap_email\"]")).sendKeys("9715507273");  
driver.findElement(By.xpath("//*[@id=\"continue\"]")).click();  
driver.findElement(By.xpath("//*[@id=\"ap_password\"]")).click();
```

```
driver.findElement(By.xpath("//*[@id=\"ap_password\"]")).sendKeys("Rahul@1812");  
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("\nYour Account page is displayed\n");  
}
```

```
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\n");  
}
```

```
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\n");

}

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\n");

}

}
```

```
<terminated> CA1_3 [TestNG] C:\Users\rahu\Downloads\eclipse-jee-2022-09-R-win32-x86_64\eclipse\plugins\org.eclipse.justj.openjdk.hotspot.jre
[RemoteTestNG] detected TestNG version 7.4.0
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/56150(#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

PASSED: f

=====
      Default test
      Tests run: 1, Failures: 0, Skips: 0
=====
Default suite
Total tests run: 1, Passes: 1, Failures: 0, Skips: 0
=====
```