**727721euit126 Rasika B**

**CA 1**

**Question 1**

**Code:**

**package** com.CA1.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** Qn1\_T1 {

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

{

ChromeOptions co=**new** ChromeOptions();

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

WebDriverManager.*chromedriver*().setup();

WebDriver driver=**new** ChromeDriver(co);

driver.get("https://www.amazon.in/gp/cart/view.html?ref\_=nav\_cart");

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

String CurrentTitle=driver.getTitle();

String ExpectedTitle="Amazon.in Shopping Cart";

**if**(CurrentTitle.equals(ExpectedTitle))

{

System.***out***.println("TITLE MATCHED.");

}

**else**

{

System.***out***.println("TITLE NOT MATCHED.");

}

//add to cart

driver.get("https://www.amazon.in/Anne-Diamond-Analog-Womens-Watch-AK3686BKGB/dp/B0968Q7L3M/ref=sr\_1\_1\_sspa?keywords=watch&qid=1681290802&sr=8-1-spons&sp\_csd=d2lkZ2V0TmFtZT1zcF9hdGY&psc=1");

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

add.click();

//verify whether product added to the cart or not

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

String CurrentText=t.getText();

String ExpectedText="Added to Cart";

**if**(CurrentText.equals(ExpectedText))

{

System.***out***.println("Added to the cart");

}

**else**

{

System.***out***.println("Not Added to the cart.");

}

//remove the product from the cart

driver.get("https://www.amazon.in/gp/cart/view.html?ref\_=nav\_cart");

WebElement del=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"));

del.click();

Thread.*sleep*(6000);

//verify whether the product removed from the cart or not

WebElement v=driver.findElement(By.*xpath*("/html/body/div[1]/div[2]/div[3]/div[5]/div/div[2]/div[1]/div/div[1]/div/h1"));

String CurrentText1=v.getText();

String ExpectedText1="Your Amazon Cart is empty.";

**if**(CurrentText1.equals(ExpectedText1))

{

System.***out***.println("Removed from the cart");

}

**else**

{

System.***out***.println("Not Removed from the cart");

}

//add to cart

driver.get("https://www.amazon.in/Anne-Diamond-Analog-Womens-Watch-AK3686BKGB/dp/B0968Q7L3M/ref=sr\_1\_1\_sspa?keywords=watch&qid=1681290802&sr=8-1-spons&sp\_csd=d2lkZ2V0TmFtZT1zcF9hdGY&psc=1");

WebElement add1=driver.findElement(By.*xpath*("//input[@id=\"add-to-cart-button\"]"));

add1.click();

//updating the quantity

driver.get("https://www.amazon.in/gp/cart/view.html?ref\_=nav\_cart");

WebElement update=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"));

update.click();

WebElement q=driver.findElement(By.*xpath*("/html/body/div[3]/div/div/ul/li[4]/a"));

q.click();

//Proceed to buy

WebElement buy=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"));

buy.click();

driver.navigate().back();

//cost of the product purchased

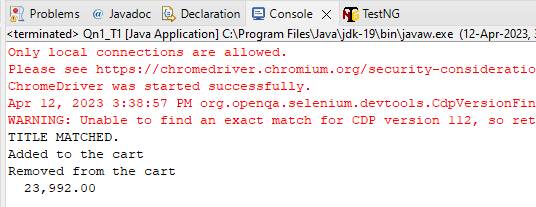
WebElement li=driver.findElement(By.*xpath*("/html/body/div[1]/div[2]/div[3]/div[5]/div/div[1]/div[1]/div/form/div/div[3]/div[1]/span[2]/span"));

System.***out***.println(li.getText());

}

}

**Output:**

****

**Question 2:**

**Code:**

**package** com.CA1.CA1\_Qn2;

**import** java.util.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** Qn2\_T1 {

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

{

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=\"twotabsearchtextbox\"]")).sendKeys("watch");

driver.findElement(By.*xpath*("/html/body/div[1]/header/div/div[1]/div[2]/div/form/div[3]/div/span/input")).click();

List<WebElement> li=driver.findElements(By.*className*("s-line-clamp-1"));

**for**(**int** i=0;i<5;i++) {

System.***out***.println(li.get(i).getText());

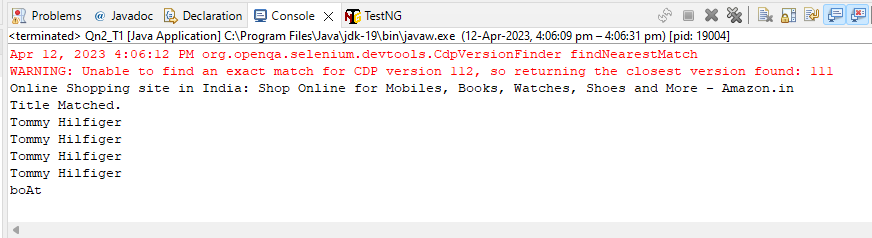
}

driver.findElement(By.*xpath*("/html/body/div[1]/div[2]/div[1]/div[2]/div/div[3]/span/div[1]/div/div/div[5]/ul/li[2]/span/a/span")).click();

}

}

**Output:**

****

**Question 3:**

**Code:**

**package** com.CA1.CA1\_Qn2;

**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** Qn3 {

**public** **static** **void** main( String[] args ) **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.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.mode=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&");

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

driver.findElement(By.*xpath*("//\*[@id=\"ap\_email\"]")).sendKeys("9342536074");

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

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

driver.findElement(By.*xpath*("//\*[@id=\"ap\_password\"]")).sendKeys("@Rasika2002");

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

Thread.*sleep*(3000);

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");

}

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

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

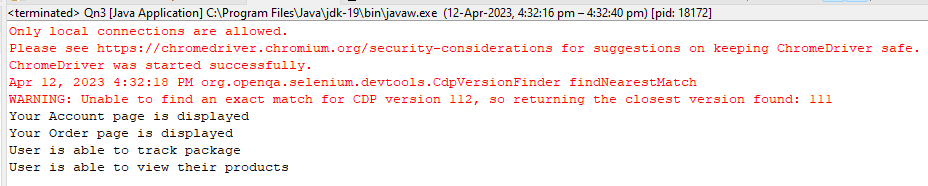
}

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

}

}

**Output:**

****