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| 1)  i)  package com.selenium.test2.selenium1;  import java.util.List;  import org.openqa.selenium.By;  import org.openqa.selenium.JavascriptExecutor;  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.edge.EdgeDriver;  import io.github.bonigarcia.wdm.WebDriverManager;  public class App  {  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.manage().window().maximize();  String actualTitle=driver.getTitle();  System.out.println("Page title is : " + driver.getTitle());  String expectedTitle = "Online Shopping site in India: Shop Online for Mobiles, Books, Watches, Shoes and More - Amazon.in";  if(actualTitle.equalsIgnoreCase(expectedTitle))  System.out.println("Title Matched");  else  System.out.println("Title didn't match");  driver.get("https://www.amazon.in/Amazon-Brand-Tealight-Candles-Unscented/dp/B0744P71Y9/ref=sr\_1\_1?pd\_rd\_r=c06ef2b7-59da-457e-aa77-aaf7ebd414a2&pd\_rd\_w=kVt55&pd\_rd\_wg=vANIH&pf\_rd\_p=4901d125-0f33-48fa-87d3-a07efd7793cd&pf\_rd\_r=VSEXK1W6N5BTXD0J3B0H&qid=1681290806&refinements=p\_n\_format\_browse-bin%3A19560799031&s=kitchen&sr=1-1");  driver.findElement(By.id("add-to-cart-button")).submit();  String t=driver.getTitle();  System.out.println("Added to cart");  }  }  OUTPUT:    1 ii)  package com.selenium.test2.selenium1;  import java.util.List;  import org.openqa.selenium.By;  import org.openqa.selenium.JavascriptExecutor;  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.edge.EdgeDriver;  import io.github.bonigarcia.wdm.WebDriverManager;  public class App  {  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.manage().window().maximize();  driver.get("https://www.amazon.in/DR-VAKU-Adapter-Charger-Black/dp/B09KN43PW1/ref=sr\_1\_1\_sspa?crid=3GMJKRSPW2K0J&keywords=iphone+charger&qid=1681291277&sprefix=ip+hone+c%2Caps%2C432&sr=8-1-spons&sp\_csd=d2lkZ2V0TmFtZT1zcF9hdGY&psc=1");  driver.findElement(By.id("add-to-cart-button")).submit();  String t = driver.getTitle();  System.out.println(t);  // Click on Cart Icon  driver.findElement(By.id("nav-cart-count-container")).click();  // Verify Item is in Cart  String cartTitle = driver.getTitle();  if (cartTitle.equals("Amazon.in Shopping Cart")) {  System.out.println("Item is in the Cart");  // Click on "Delete" button to remove the item from cart  driver.findElement(By.cssSelector("[value='Delete']")).click();  // Verify if the item has been removed from the cart  String emptyCartTitle = driver.getTitle();  if (emptyCartTitle.equals("Amazon.in Shopping Cart")) {  System.out.println("Item is NOT removed from the Cart");  } else {  System.out.println("Item is removed from the Cart");  }  } else {  System.out.println("Item is NOT in the Cart");  }  }}  OUTPUT:    package com.selenium.test1.selenium1;  import java.util.List;  import org.openqa.selenium.By;  import org.openqa.selenium.JavascriptExecutor;  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.edge.EdgeDriver;  import org.openqa.selenium.interactions.Actions;  import org.openqa.selenium.support.ui.Select;  import dev.failsafe.internal.util.Assert;  import io.github.bonigarcia.wdm.WebDriverManager;  public class TASK\_1\_3 {  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.manage().window().maximize();  driver.get("https://www.amazon.in/Anne-Diamond-Analog-Womens-Watch-AK3686BKGB/dp/B0968Q7L3M/ref=sr\_1\_1\_sspa?crid=293FS4VHUVN6K&keywords=watches&qid=1681287782&sprefix=watches%2Caps%2C323&sr=8-1-spons&sp\_csd=d2lkZ2V0TmFtZT1zcF9hdGY&psc=1");  driver.findElement(By.id("add-to-cart-button")).submit();  String t=driver.getTitle();  System.out.println(t);  String cart=driver.findElement(By.xpath("//\*[@id=\"NATC\_SMART\_WAGON\_CONF\_MSG\_SUCCESS\"]/span")).getText();  if(cart.equals("Added to cart"));  System.out.println("1. Verified that Product added to cart ");  driver.navigate().back();  WebElement sort1=driver.findElement(By.xpath("//\*[@id=\"quantity\"]"));  sort1.click();  Select select=new Select(sort1);  select.selectByIndex(1);  String drop=driver.findElement(By.xpath("//\*[@id=\"quantity\"]")).getText();  if(drop.equals("2"));  System.out.println("3. Verified that Product is updated to cart ");      }  }  OUTPUT:    1 iV)  package com.selenium.test2.selenium1;  import java.util.List;  import org.openqa.selenium.By;  import org.openqa.selenium.JavascriptExecutor;  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.edge.EdgeDriver;  import io.github.bonigarcia.wdm.WebDriverManager;  public class App  {  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.manage().window().maximize();  driver.get("https://www.amazon.in/DR-VAKU-Adapter-Charger-Black/dp/B09KN43PW1/ref=sr\_1\_1\_sspa?crid=3GMJKRSPW2K0J&keywords=iphone+charger&qid=1681291277&sprefix=ip+hone+c%2Caps%2C432&sr=8-1-spons&sp\_csd=d2lkZ2V0TmFtZT1zcF9hdGY&psc=1");  driver.findElement(By.id("add-to-cart-button")).submit();  String t = driver.getTitle();  System.out.println(t);  // Click on Cart Icon  driver.findElement(By.id("nav-cart-count-container")).click();  // Verify Item is in Cart  String cartTitle = driver.getTitle();  if (cartTitle.equals("Amazon.in Shopping Cart")) {  System.out.println("Item is in the Cart");  // Click on "Delete" button to remove the item from cart  driver.findElement(By.cssSelector("[value='Delete']")).click();  // Verify if the item has been removed from the cart  String emptyCartTitle = driver.getTitle();  if (emptyCartTitle.equals("Amazon.in Shopping Cart")) {  System.out.println("Item is NOT removed from the Cart");  } else {  System.out.println("Item is removed from the Cart");  }  } else {  System.out.println("Item is NOT in the Cart");  }  }}  OUTPUT:    2)  i)  package com.selenium.test2.selenium1;  import java.util.List;  import org.openqa.selenium.By;  import org.openqa.selenium.JavascriptExecutor;  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.edge.EdgeDriver;  import io.github.bonigarcia.wdm.WebDriverManager;  public class App  {  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.manage().window().maximize();  String actualTitle=driver.getTitle();  System.out.println("Page title is : " + driver.getTitle());  String expectedTitle = "Online Shopping site in India: Shop Online for Mobiles, Books, Watches, Shoes and More - Amazon.in";  if(actualTitle.equalsIgnoreCase(expectedTitle))  System.out.println("Title Matched");  else  System.out.println("Title didn't match");  WebElement txt1=driver.findElement(By.id("twotabsearchtextbox"));  txt1.sendKeys("Watch");  driver.findElement(By.id("twotabsearchtextbox")).sendKeys(Keys.ENTER);  }  }  OUTPUT:    2 ii)  package com.selenium.test1.selenium2;  import java.util.List;  import org.openqa.selenium.By;  import org.openqa.selenium.JavascriptExecutor;  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 CA1Q2b  {  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.manage().window().maximize();  String actualTitle=driver.getTitle();  System.out.println("Page title is : " + driver.getTitle());  String expectedTitle = "Online Shopping site in India: Shop Online for Mobiles, Books, Watches, Shoes and More - Amazon.in";  if(actualTitle.equalsIgnoreCase(expectedTitle))  System.out.println("Title Matched");  else  System.out.println("Title didn't match");  WebElement txt1=driver.findElement(By.id("twotabsearchtextbox"));  txt1.sendKeys("Watch");  driver.findElement(By.id("twotabsearchtextbox")).sendKeys(Keys.ENTER);  JavascriptExecutor js=(JavascriptExecutor) driver;  js.executeScript("window.scrollBy(0,1000)","");  List<WebElement> l1=driver.findElements(By.xpath("//h5[@class='s-line-clamp-1']"));  for(WebElement link:l1)  {  System.out.println(link.getText());  }  js.executeScript("window.scrollBy(0,1000)","");  List<WebElement> l2=driver.findElements(By.xpath("//h5[@class='s-line-clamp-1']"));  for(WebElement link:l2)  {  System.out.println(link.getText());  }  }  }  OUTPUT:    2) III)  package com.selenium.test1.selenium1;  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 TASK\_2\_3 {  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.manage().window().maximize();  String actualTitle=driver.getTitle();  System.***out***.println("Page title is : " + driver.getTitle());  String expectedTitle = "Online Shopping site in India: Shop Online for Mobiles, Books, Watches, Shoes and More - Amazon.in";  if(actualTitle.equalsIgnoreCase(expectedTitle))  System.***out***.println("Title Matched");  else  System.***out***.println("Title didn't match");  driver.findElement(By.*id*("a-autoid-0-announce")).click();  List<WebElement>li=driver.findElements(By.*xpath*("//\*[@id=\"octopus-dlp-asin-stream\"]/ul/li[2]/span/div/div[2]/div[1]/a"));  for(WebElement link:li) {  System.***out***.println(link.getText());  }  System.***out***.println("User is able to filter by search");  System.***out***.println("Testing Ended");  driver.findElement(By.*id*("a-autoid-0-announce")).click();  List<WebElement>li=driver.findElements(By.*xpath*("//\*[@id=\"octopus-dlp-asin-stream\"]/ul/li[2]/span/div/div[2]/div[1]/a"));  for(WebElement link:li) {  System.***out***.println(link.getText());  }  System.***out***.println("User is able to filter by search");  System.***out***.println("Testing Ended");  }  }  3)  package com.selenium.test2.selenium1;  import java.util.List;  import org.openqa.selenium.By;  import org.openqa.selenium.JavascriptExecutor;  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.edge.EdgeDriver;  import io.github.bonigarcia.wdm.WebDriverManager;  public class App  {  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.manage().window().maximize();  driver.get("https://www.amazon.in/Anne-Diamond-Analog-Womens-Watch-AK3686BKGB/dp/B0968Q7L3M/ref=sr\_1\_1\_sspa?crid=293FS4VHUVN6K&keywords=watches&qid=1681287782&sprefix=watches%2Caps%2C323&sr=8-1-spons&sp\_csd=d2lkZ2V0TmFtZT1zcF9hdGY&psc=1");  driver.findElement(By.id("add-to-cart-button")).submit();  String t=driver.getTitle();  System.out.println(t);  String cart=driver.findElement(By.xpath("//\*[@id=\"NATC\_SMART\_WAGON\_CONF\_MSG\_SUCCESS\"]/span")).getText();  if(cart.equals("Added to cart"));  System.out.println("1. Verified that Product added to cart ");  driver.navigate().back();  WebElement sort1=driver.findElement(By.xpath("//\*[@id=\"quantity\"]"));  sort1.click();  Select select=new Select(sort1);  select.selectByIndex(1);  String drop=driver.findElement(By.xpath("//\*[@id=\"quantity\"]")).getText();  if(drop.equals("2"));  System.out.println("3. Verified that Product is updated to cart ");  }}  OUTPUT:    3)  package com.selenium.test1.selenium1;  import java.util.List;  import org.openqa.selenium.By;  import org.openqa.selenium.JavascriptExecutor;  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 io.github.bonigarcia.wdm.WebDriverManager;  /\*\*  \* Hello world!  \*  \*/  public class TASK\_3  {  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/ref=nav\_logo");  driver.manage().window().maximize();  String title=driver.getTitle();  System.***out***.println(title);  if(title.equals("Online Shopping site in India: Shop Online for Mobiles, Books, Watches, Shoes and More - Amazon.in")) {  System.***out***.println("Verified title of the page");  }else {  System.***out***.println("Title not matched");  }  driver.findElement(By.*id*("nav-link-accountList")).click();  driver.findElement(By.*id*("ap\_email")).sendKeys("ELANGO@gmail.com");  driver.findElement(By.*id*("ap\_email")).sendKeys(*Keys*.***ENTER***);  driver.findElement(By.*id*("ap\_password")).sendKeys("ELANGO52+");  driver.findElement(By.*id*("ap\_password")).sendKeys(*Keys*.***ENTER***);  Thread.*sleep*(2000);  String name=driver.findElement(By.*id*("nav-link-accountList-nav-line-1")).getText();  if(name.equals("Hello, Feviliya")) {  System.***out***.println("Successfully, signed in");  }else {  System.***out***.println("Sign in failed");  }  System.***out***.println("Testing Ended");  driver.quit();  }  OUTPUT:    3  3)  package com.selenium.test2.selenium1;  import java.util.List;  import org.openqa.selenium.By;  import org.openqa.selenium.JavascriptExecutor;  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.edge.EdgeDriver;  import io.github.bonigarcia.wdm.WebDriverManager;  public class App  {  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.manage().window().maximize();  driver.get("https://www.amazon.in/Anne-Diamond-Analog-Womens-Watch-AK3686BKGB/dp/B0968Q7L3M/ref=sr\_1\_1\_sspa?crid=293FS4VHUVN6K&keywords=watches&qid=1681287782&sprefix=watches%2Caps%2C323&sr=8-1-spons&sp\_csd=d2lkZ2V0TmFtZT1zcF9hdGY&psc=1");  driver.findElement(By.id("add-to-cart-button")).submit();  String t=driver.getTitle();  System.out.println(t);  String cart=driver.findElement(By.xpath("//\*[@id=\"NATC\_SMART\_WAGON\_CONF\_MSG\_SUCCESS\"]/span")).getText();  if(cart.equals("Added to cart"));  System.out.println("1. Verified that Product added to cart ");  driver.navigate().back();  WebElement sort1=driver.findElement(By.xpath("//\*[@id=\"quantity\"]"));  sort1.click();  Select select=new Select(sort1);  select.selectByIndex(1);  String drop=driver.findElement(By.xpath("//\*[@id=\"quantity\"]")).getText();  if(drop.equals("2"));  System.out.println("3. Verified that Product is updated to cart ");  }}  OUTPUT: |