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| Question 1 : Adding a product to cart and checkout :  • Verify that user is able to add a product to the cart Add to cart  • Verify that user can view the contents in the cart  • Verify that once user clicks on checkout button “Your information” form should be displayed  • Verify that once user fills the form and clicks on continue button entire product overview should be displayed  • Print the name of the product and the price of the product  • Assert the title of the page is ‘Swag Labs’  • Asser t the URL of the page is ‘https://www.saucedemo.com/checkout-step-two.html’  CODE :  package com.selenium.test1.selenium1;  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 CC {  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.saucedemo.com/");  driver.manage().window().maximize();  driver.findElement(By.*name*("user-name")).sendKeys("standard\_user");  driver.findElement(By.*name*("password")).sendKeys("secret\_sauce");  driver.findElement(By.*id*("login-button")).click();  driver.get("https://www.saucedemo.com/inventory-item.html?id=2");  driver.findElement(By.*id*("add-to-cart-sauce-labs-onesie")).click();  System.***out***.println("Added to cart");  driver.findElement(By.*className*("shopping\_cart\_link")).click();  System.***out***.println("Cart is visible");  driver.findElement(By.*id*("checkout")).click();  System.***out***.println("Checkout is visible");  driver.findElement(By.*name*("firstName")).sendKeys("GOVARTHAN");  driver.findElement(By.*name*("lastName")).sendKeys("RT");  driver.findElement(By.*name*("postalCode")).sendKeys("641654");  driver.findElement(By.*name*("continue")).click();  System.***out***.println("Overview is visible");  String name=driver.findElement(By.*xpath*("//\*[@id=\"item\_2\_title\_link\"]/div")).getText();  System.***out***.println(name);  String price=driver.findElement(By.*xpath*("//\*[@id=\"checkout\_summary\_container\"]/div/div[1]/div[3]/div[2]/div[2]/div")).getText();  System.***out***.println(price);  System.***out***.println("Page title is : " + driver.getTitle());  System.***out***.println("Page title is : " + driver.getCurrentUrl());  }  }  OUTPUT :      QUESTION 2 : Filter option :  • Verify that user is able to apply filter name wise from A-Z and Z-A • Print the first product name while filtering from A-Z and print 1st product name while filtering from Z-A • Verify the user is able to apply filter from low price to high price and high price to low price • Print the 1 st product price while filtering from high to low and print 1st product price while filtering from low to high  CODE :  package com.selenium.test1.selenium1;  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 CC1 {  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.saucedemo.com/");  driver.manage().window().maximize();  driver.findElement(By.*name*("user-name")).sendKeys("standard\_user");  driver.findElement(By.*name*("password")).sendKeys("secret\_sauce");  driver.findElement(By.*id*("login-button")).click();  WebElement sort1=driver.findElement(By.*className*("product\_sort\_container"));  sort1.click();  System.***out***.println("A-Z is applicable");  Select select=new Select (sort1);  select.selectByIndex(1);  System.***out***.println("Z-A is applicable");      }  }  Output : |