

```

package Saucecode;
import java.time.Duration;
import org.junit.After;
import org.junit.Assert;
import org.junit.Before;
import org.junit.Test;
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.support.ui.ExpectedConditions;
import org.openqa.selenium.support.ui.WebDriverWait;
public class SauceDemo {
private WebDriver driver;
@Before
public void setUp() {
// Create a new instance of the ChromeDriver
driver = new ChromeDriver();
driver.manage().window().maximize();
// Open the SauceDemo website
driver.get("https://www.saucedemo.com/");
}
@Test
public void testOrderPlacement() throws InterruptedException {
// Enter the username and password
driver.findElement(By.id("user-name")).sendKeys("standard_user");
driver.findElement(By.id("password")).sendKeys("secret_sauce");
// Click on the Login button
driver.findElement(By.id("login-button")).click();
// Add the first product to the cart
driver.findElement(By.cssSelector("#item_4_title_link > div")).click();
Thread.sleep(3000);
// Click on the cart icon at the top right corner
driver.findElement(By.cssSelector("#add-to-cart-sauce-labs-backpack")).click();
Thread.sleep(3000);
driver.findElement(By.cssSelector("#shopping_cart_container > a")).click();
Thread.sleep(3000);
// Click on the Checkout button
driver.findElement(By.id("checkout")).click();
Thread.sleep(3000);
// Enter the details and click on the Continue button
driver.findElement(By.id("first-name")).sendKeys("John");
driver.findElement(By.id("last-name")).sendKeys("Doe");
driver.findElement(By.id("postal-code")).sendKeys("12345");
driver.findElement(By.id("continue")).click();
Thread.sleep(3000);
// Click on the Finish button
driver.findElement(By.id("finish")).click();
Thread.sleep(3000);
// Verify the "Thank you for your order" text is visible using explicit wait
WebDriverWait wait = new WebDriverWait(driver, Duration.ofSeconds(60));
WebElement orderConfirmationText =
wait.until(ExpectedConditions.visibilityOfElementLocated(By.xpath("//h2[text()='Thank you for your order!']")));
// Assert that the order confirmation text is displayed
Assert.assertTrue("Order placement failed!", orderConfirmationText.isDisplayed());
}
@After
public void tearDown() {
driver.quit();
}
}

```

eclipse-workspace - RedBusApplication1/src/test/java/Saucecode/SauceDemo.java - Eclipse IDE

```
File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer JUnit
Finished after 27.259 seconds
Runs: 1/1 Errors: 0 Failures: 0
SauceDemo [Runner: JUnit 5] (27.108 s)
  testOrderPlacement (27.108 s)

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9 import org.openqa.selenium.WebElement;
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14 public class SauceDemo {
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38         Thread.sleep(3000);
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52         driver.findElement(By.id("continue")).click();
53         Thread.sleep(3000);
54         // Click on the Finish button
55         driver.findElement(By.id("finish")).click();
56         Thread.sleep(3000);
57         // Verify if "Thank you for your order!" text is visible using explicit wait
58         WebDriverWait wait = new WebDriverWait(driver, Duration.ofSeconds(5));
59         WebElement orderConfirmationText = wait.until(ExpectedConditions.visibilityOfElementLocated(By.xpath("//h2[text()='Thank you for your order!']")));
60
61         // Assert that the order confirmation text is displayed
62         Assert.assertTrue("Order placement failed!", orderConfirmationText.isDisplayed());
63     }
64
65     @After
66     public void tearDown() {
67         driver.quit();
68     }
69 }
```

Pr... L... D... C... X... Pr... T... C... G... Gr... Gr...
<terminated> SauceDemo (JUnit) C:\Users\hp\z2pool\plugins\org.eclipse.jst\openj... Jul 25, 2023 2:14:28 PM org.openqa.selenium.remote.service.DriverService\$Builder getLogOutput INFO: Driver logs no longer sent to console by default; https://www.selenium.dev/documentation/webdriver/drivers/service/#setting-log-output "org.slf4j.impl.StaticLoggerBinder". 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.

Windows Taskbar: Type here to search, Start, File Explorer, Mail, Google Chrome, Microsoft Edge, File Manager, Task View, Taskbar Icons, System Tray: GBP/INR +0.22%, ENG 02:16 PM IN 25-07-2023

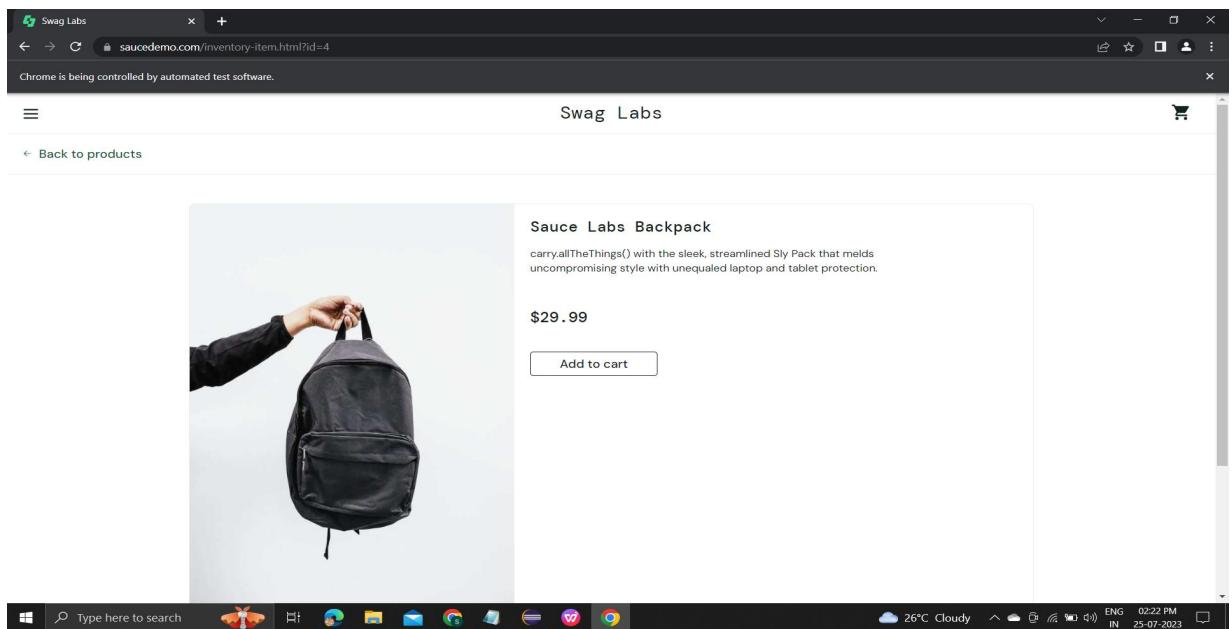
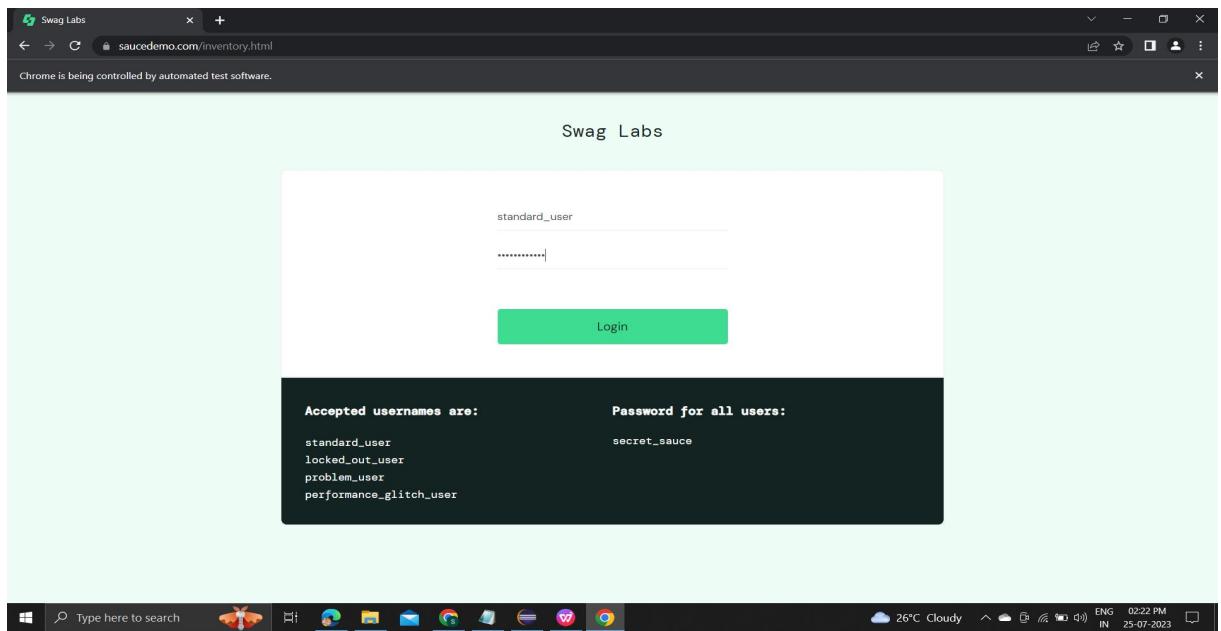
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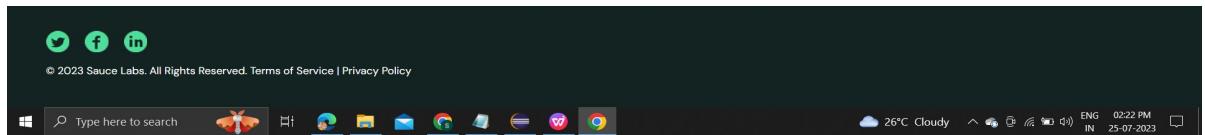
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The screenshot shows a web browser window for 'Swag Labs' at the URL saucedemo.com/cart.html. The page title is 'Your Cart'. It displays a single item: a 'Sauce Labs Backpack' with a quantity of 1. The description states: 'carry.allTheThings() with the sleek, streamlined Sly Pack that melds uncompromising style with unequaled laptop and tablet protection.' The price is listed as '\$29.99'. A red 'Remove' button is visible on the right. Below the cart, there are 'Continue Shopping' and 'Checkout' buttons.



The screenshot shows a web browser window for 'Swag Labs' at the URL saucedemo.com/checkout-step-one.html. The page title is 'Checkout: Your Information'. It contains three input fields: 'First Name' (John), 'Last Name' (Doe), and 'Address' (12345). Below the form are 'Cancel' and 'Continue' buttons. The browser status bar indicates it is being controlled by automated test software.



The screenshot shows a browser window for 'Swag Labs' at saucedemo.com/checkout-step-two.html. The page title is 'Checkout: Overview'. It displays a single item in the cart: 'Sauce Labs Backpack' (QTY 1) with a description: 'carry.allTheThings() with the sleek, streamlined Sly Pack that melds uncompromising style with unequaled laptop and tablet protection.' The price is listed as '\$29.99'. Below the cart, there are sections for 'Payment Information' (SauceCard #31337) and 'Shipping Information' (Free Pony Express Delivery!). The 'Price Total' is shown as 'Item total: \$29.99' and 'Tax: \$2.40', resulting in a 'Total: \$32.39'. At the bottom right is a green 'Finish' button.

The screenshot shows a browser window for 'Swag Labs' at saucedemo.com/checkout-complete.html. The page title is 'Checkout: Complete!'. It features a large green checkmark icon. The text 'Thank you for your order!' is displayed, followed by a smaller note: 'Your order has been dispatched, and will arrive just as fast as the pony can get there!'. A green 'Back Home' button is located at the bottom. The footer includes social media links for Twitter, Facebook, and LinkedIn, along with copyright information: '© 2023 Sauce Labs. All Rights Reserved. Terms of Service | Privacy Policy'. The system status bar at the bottom shows '26°C Cloudy' and the date '25-07-2023'.