MULTIPLE BROWSER OUTPUT

1. **MULTIPLE BROWSERS**

Title: SwagLabs E-commerce Automation with Multiple Browsers

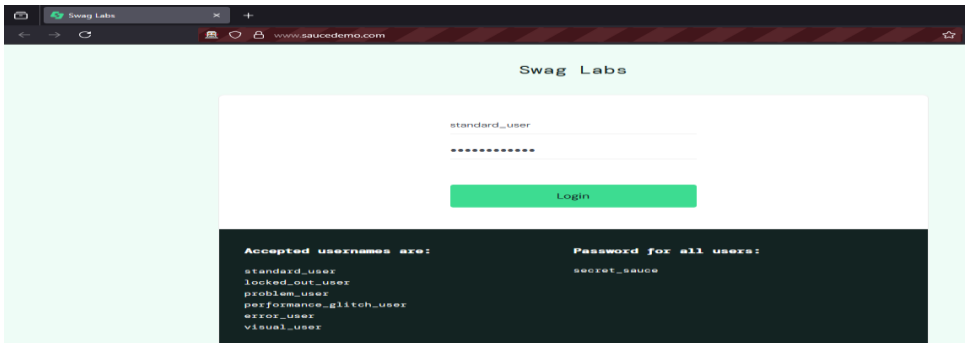
Description:

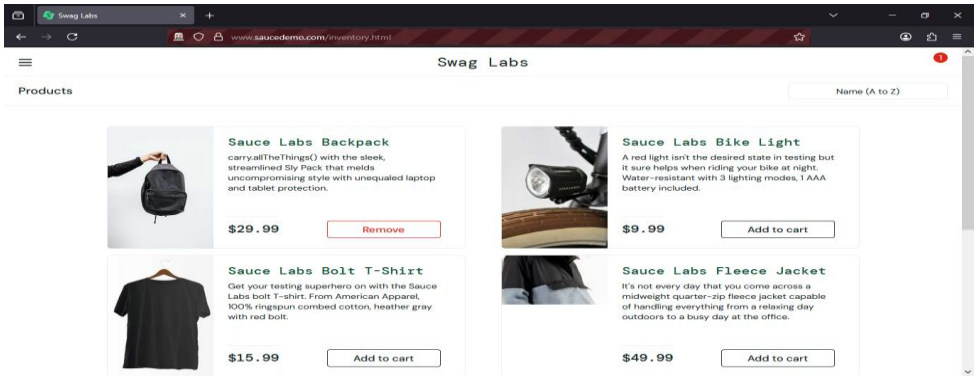
Developed a Java Selenium automation framework to test the login and add-to-cart functionalities of the SwagLabs e-commerce application across **multiple browsers (Chrome, Firefox, Edge)** in a single execution loop.

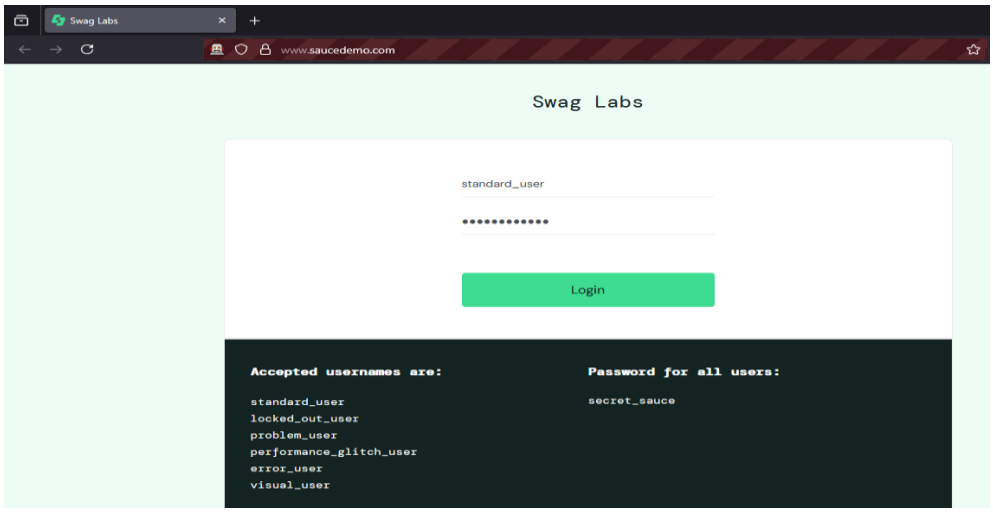
Key Highlights:

- Implemented browser-specific drivers (chromedriver, geckodriver, msedgedriver) using Selenium WebDriver.
- Automated the login process using valid test credentials.
- Validated "Add to Cart" functionality for selected products (e.g., Sauce Labs Backpack).
- Executed test cases sequentially across all three browsers within one program.
- Added console logs to track browser activity and test outcomes.

Tech Stack: Java, Selenium WebDriver, ChromeDriver, GeckoDriver, EdgeDriver



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www.saucedemo.com
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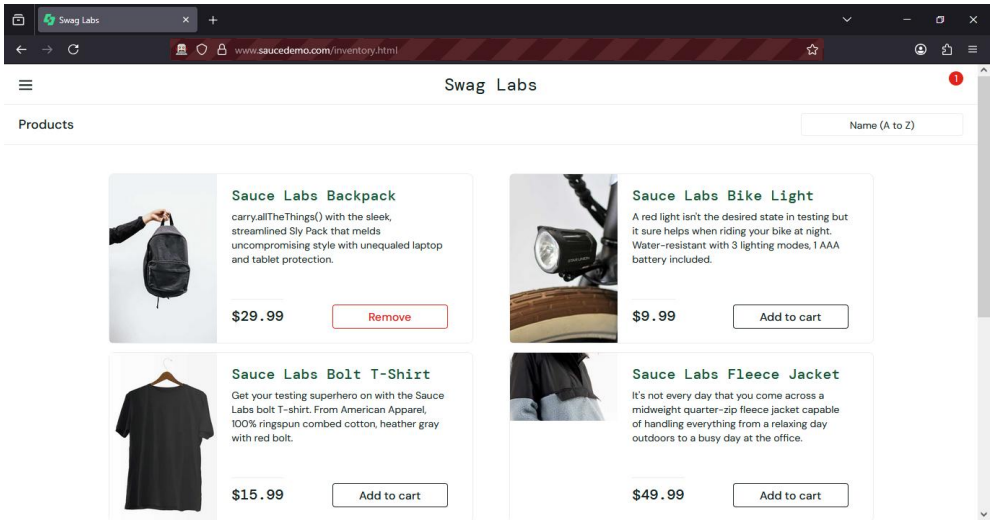
standard_user
Login
Accepted usernames are:
standard_user
locked_out_user
problem_user
performance_glitch_user
error_user
visual_user
Password for all users:
secret_sauce


Swag Labs
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Products
Name (A to Z)
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carry.allTheThings() with the sleek, streamlined Sly Pack that melds uncompromising style with unequaled laptop and tablet protection.
$29.99
Remove
Sauce Labs Bike Light
A red light isn't the desired state in testing but it sure helps when riding your bike at night. Water-resistant with 3 lighting modes, 1 AAA battery included.
$9.99
Add to cart
Sauce Labs Bolt T-Shirt
Get your testing superhero on with the Sauce Labs bolt T-shirt. From American Apparel, 100% ringspun combed cotton, heather gray with red bolt.
$15.99
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Sauce Labs Fleece Jacket
It's not every day that you come across a midweight quarter-zip fleece jacket capable of handling everything from a relaxing day outdoors to a busy day at the office.
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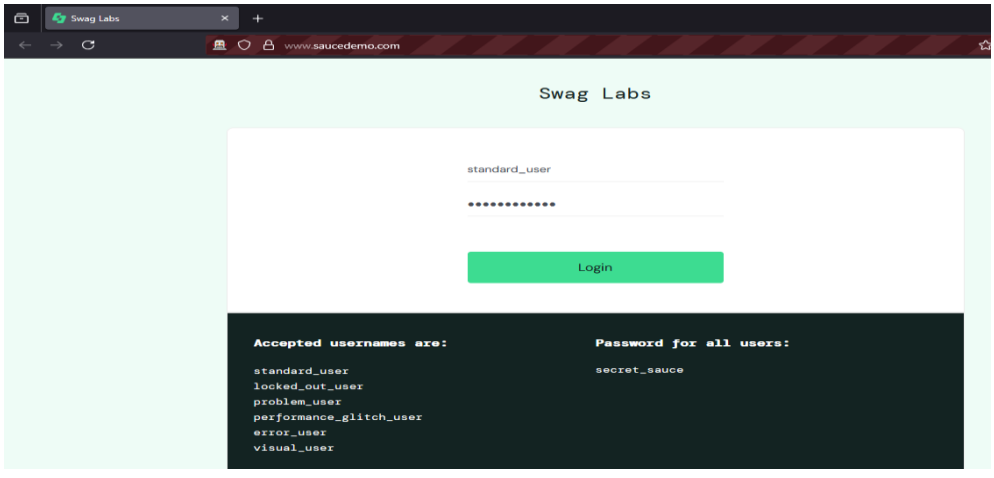
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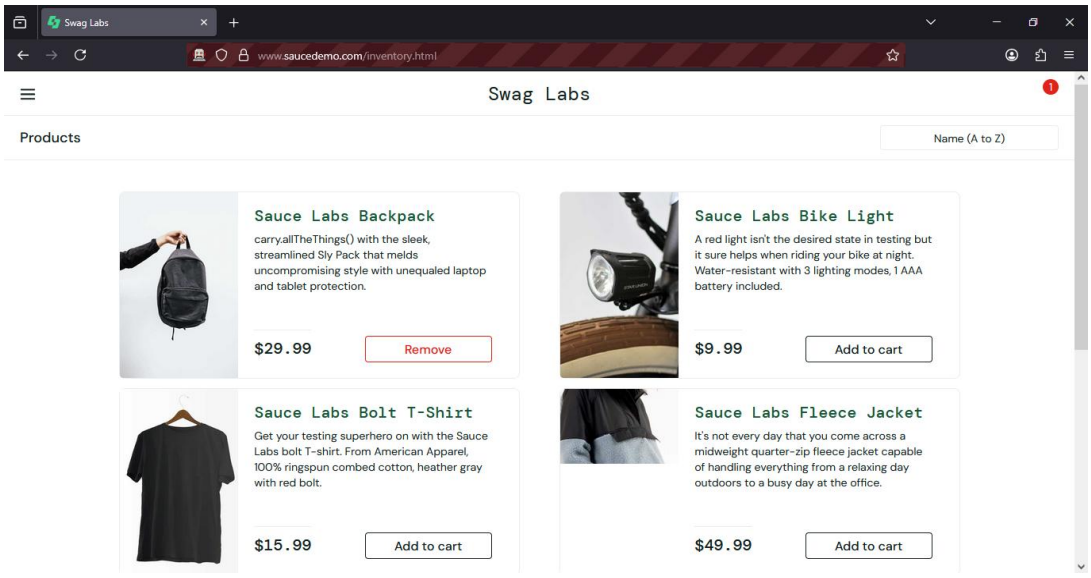
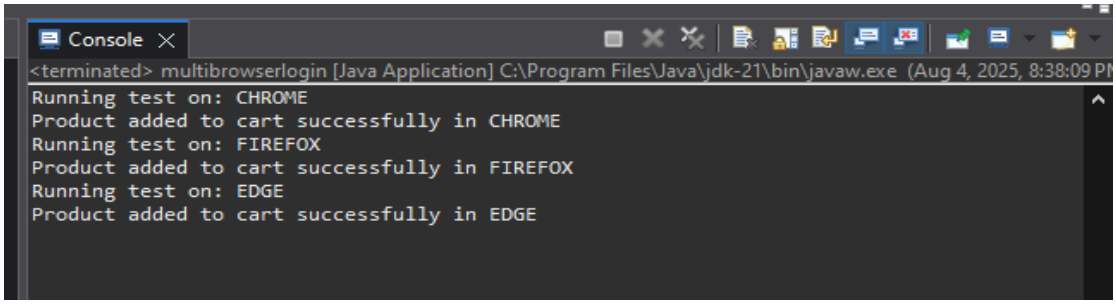




2. MULTI BROWSER WITH CHOICE

Title: Swag labs User-Driven Browser Selection for Selenium Testing

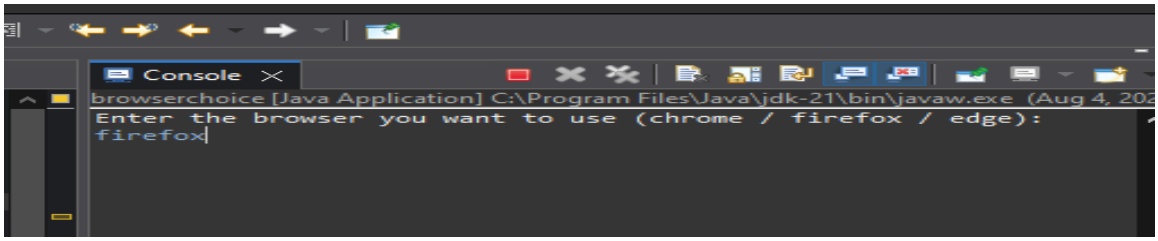
Description:

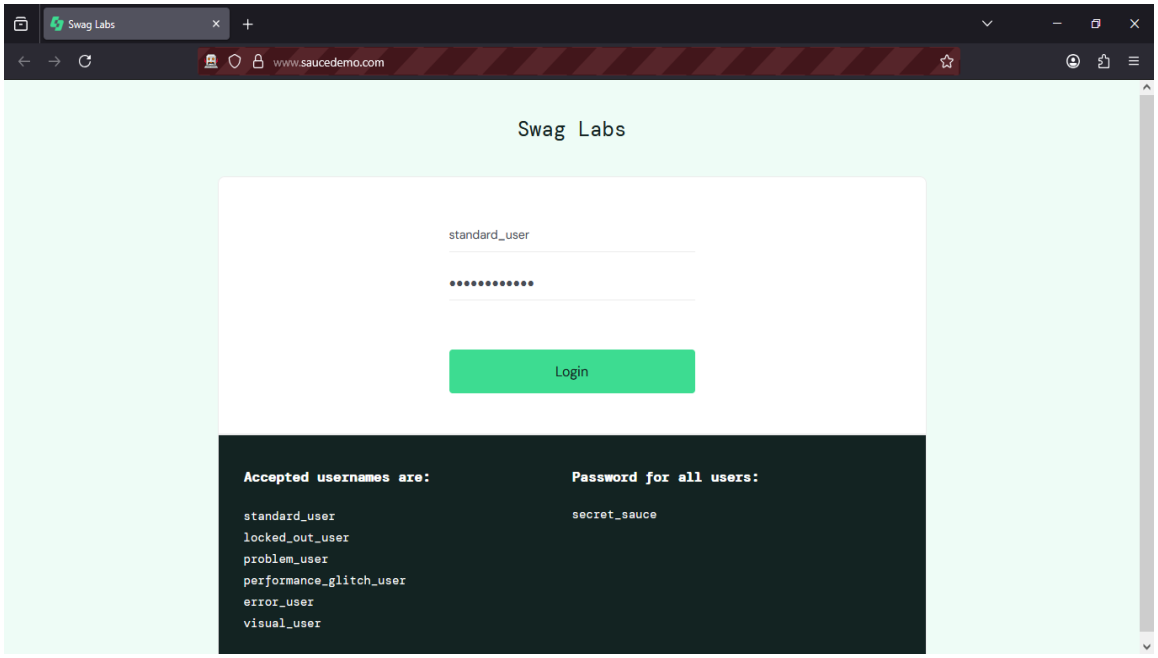
Designed a user-interactive Selenium automation project where the tester can select the browser (Chrome, Firefox, or Edge) at runtime to execute login on the SwagLabs platform.

Key Highlights:

- Integrated Scanner class to accept user input for browser choice via console.
- Dynamically initialized the selected browser's WebDriver at runtime.
- Performed login and product selection actions with appropriate delays.
- Optimized code with switch statement and input validation.
- Demonstrated flexibility and modularity in browser-based test execution.

Tech Stack: Java, Selenium WebDriver, Interactive CLI (Scanner), ChromeDriver, GeckoDriver, EdgeDriver


Console
browserchoice [Java Application] C:\Program Files\Java\jdk-21\bin\javaw.exe (Aug 4, 202
Enter the browser you want to use (chrome / firefox / edge):
firefox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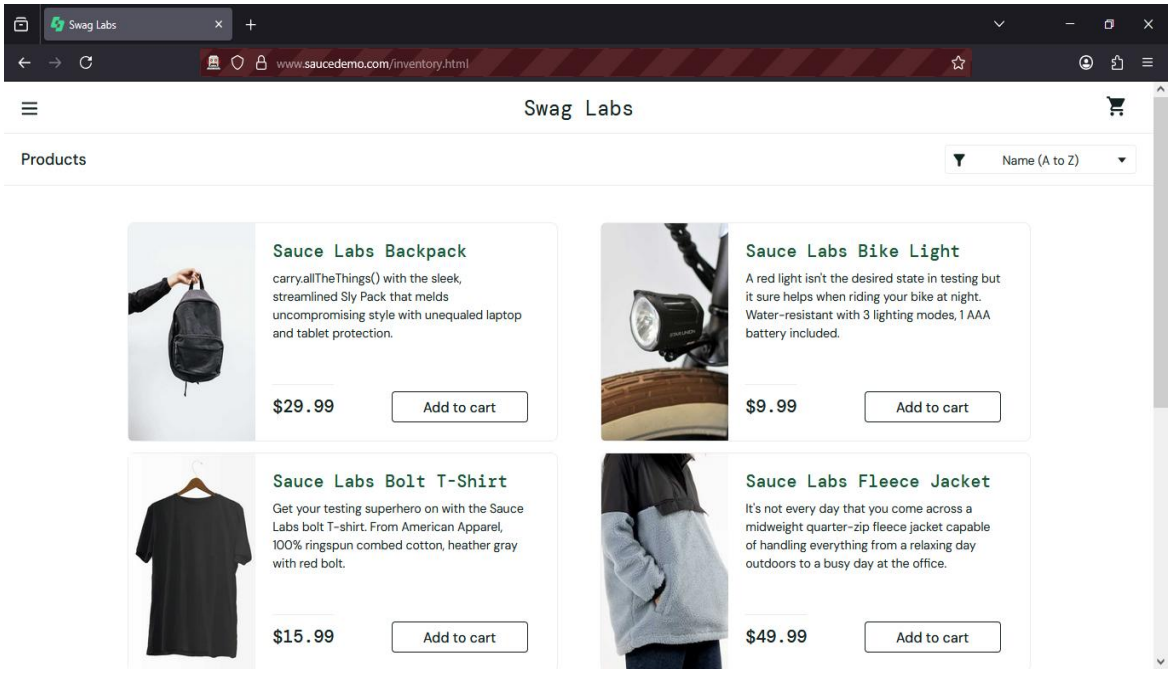
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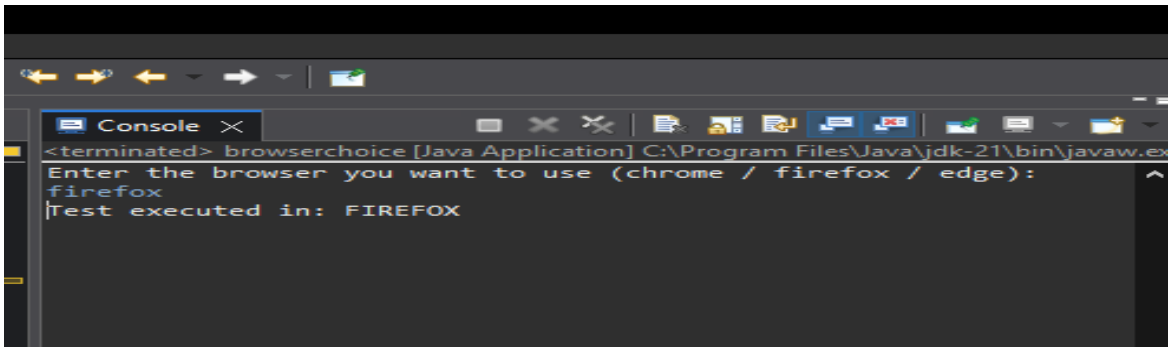
Console
<terminated> browserchoice [Java Application] C:\Program Files\Java\jdk-21\bin\javaw.ex
Enter the browser you want to use (chrome / firefox / edge):
firefox
Test executed in: FIREFOX