



## Homework

### Preconditions:

- Java 1.8 (newer)
  - Selenium 3.141.59 (newer)
  - Junit5 or TestNG
  - Rest API:
    - o Okhttp3
    - o Apache Http
  - Logger:
    - o Slf4j
    - o Log4j
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### Case 1 – Automate Purchase Process

1. Open the url: <https://www.saucedemo.com/inventory.html>
2. Create a `credential.json` file in test/resources folder and store:

```
{  
    username: performance_glitch_user,  
    password: secret_sauce  
}
```

3. Parse the credentials from `credential.json` and use it for the following test
  4. On the website type username and password and click on login button
  5. Add the following items to the cart: Sauce Labs Backpack, Sauce Labs Fleece Jacket
  6. Validate the number on the cart symbol
  7. Go through the checkout process
  8. Validate that `Thank you for your order` message is appearing
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### Case 2 – Verify error messages for mandatory fields

1. Open the url: <https://www.saucedemo.com/inventory.html>
  2. Click on login button
  3. Validate the error message
  4. Login with the following credentials: `standard_user / secret_sauce`
  5. Scroll down to the bottom of the page
  6. Validate the footer message contains `2024` and `Terms of Service`
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### Case 3 - Rich Text Editor

1. Open the url: <https://onlinehtmleditor.dev>
2. Type the following text to the editor: `Automation Test Example`
3. `Automation` text should be typed bold format
4. `Test` text should be typed underline format
5. Validate the text is appearing in the rich text editor

## **Case 4 - iFrame and tab handling**

1. Open this url <http://demo.guru99.com/test/guru99home>
  2. Locate the image inside the iframe near bottom of the page just above Email Submission and click on it
  3. Verify new page is loaded in new tab with title: Selenium Live Project: FREE Real Time Project for Practice
  4. Close this tab and switch back to main window
  5. From top menu click on Selenium link that can be seen while hovering on Testing menu item
  6. Verify the wide red Join Now button is displayed near bottom of the page
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## **Case 5 – REST API testing**

1. Add Rest Api library for the test project
2. Create and send request:

Request type: GET

Host: <https://jsonplaceholder.typicode.com>

Endpoint: /users

3. Parse response to Json format
4. Log only the names and emails from the response data

Example:

Leanne Graham   Sincere@april.biz
Ervin Howell   Shanna@melissa.tv

5. Verify the first email address contains @

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Don't forget to upload your code to [GitHub](#)!

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