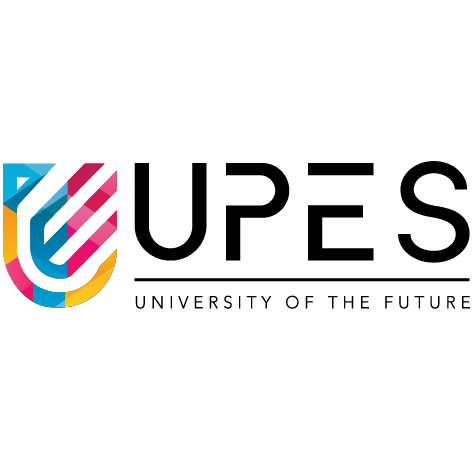
**School of Computer Science**

**UNIVERSITY OF PETROLEUM AND ENERGY STUDIES**

**DEHRADUN, UTTARAKHAND**



**Session – 2023-2024**

**TEST AUTOMATION**

**LAB FILE**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| |  | | --- | | **Submitted By**- Mridul Singh | | **Sap ID**- 500094181 | | **Roll No**- R2142210501 | |  | | **Branch**- DevOps (H) B1 | | **Submitted To**- Dhiviya Rose  School of Computer Science |

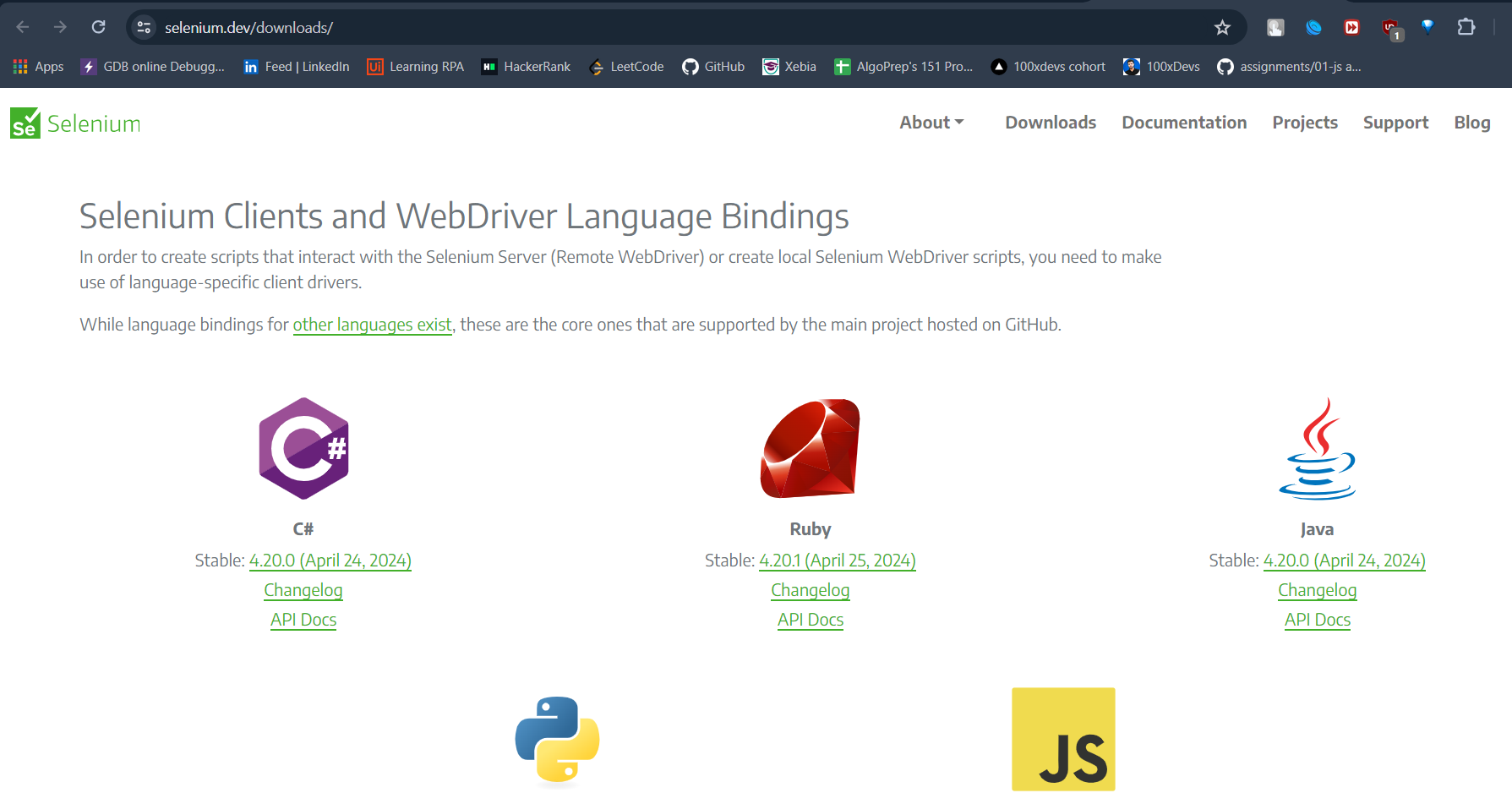
**Index**

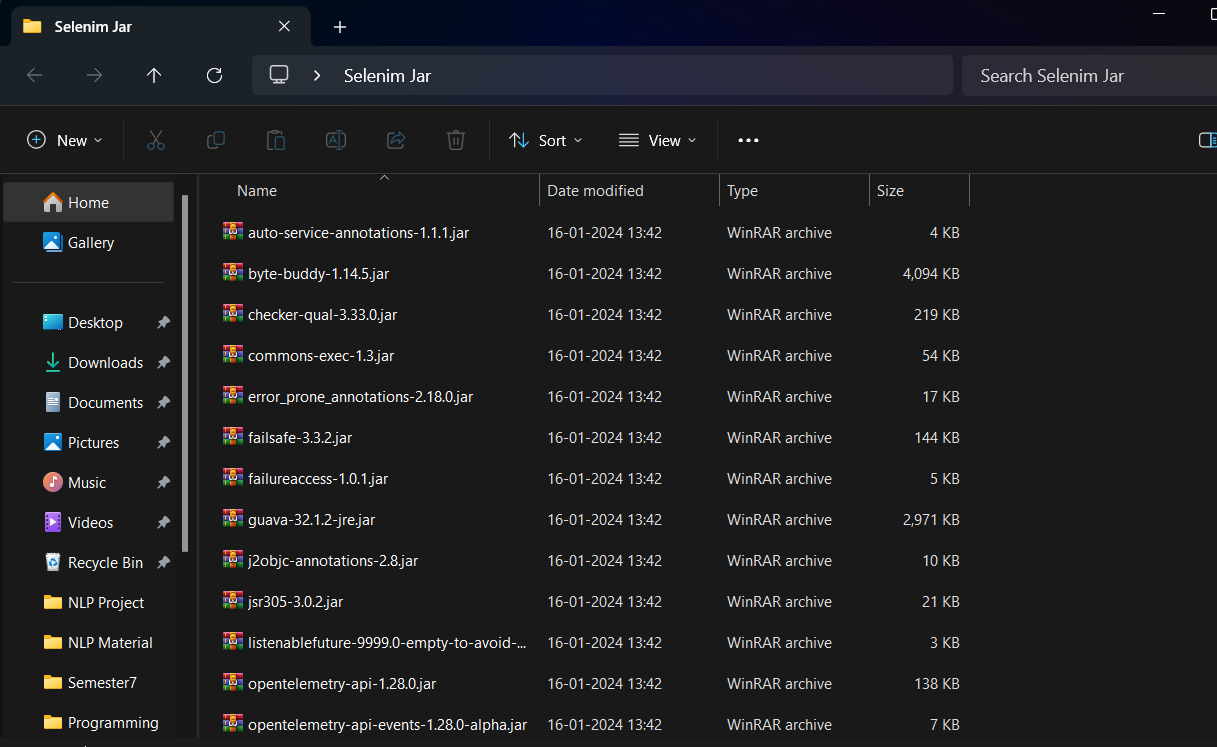
|  |  |  |
| --- | --- | --- |
| **S. no.** | **Experiment** | **Page No.** |
| 1 | Invoking the Webpage via WebDriver in Java Demonstration | 3-4 |
| 2 | Usability Testing | 5-8 |
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| 4 | **Creating Test Cases and Run it using TestNG Framework** | 12-14 |
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| 8 | Test Automating the Calculator Application | 21-22 |
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**Experiment – 1**

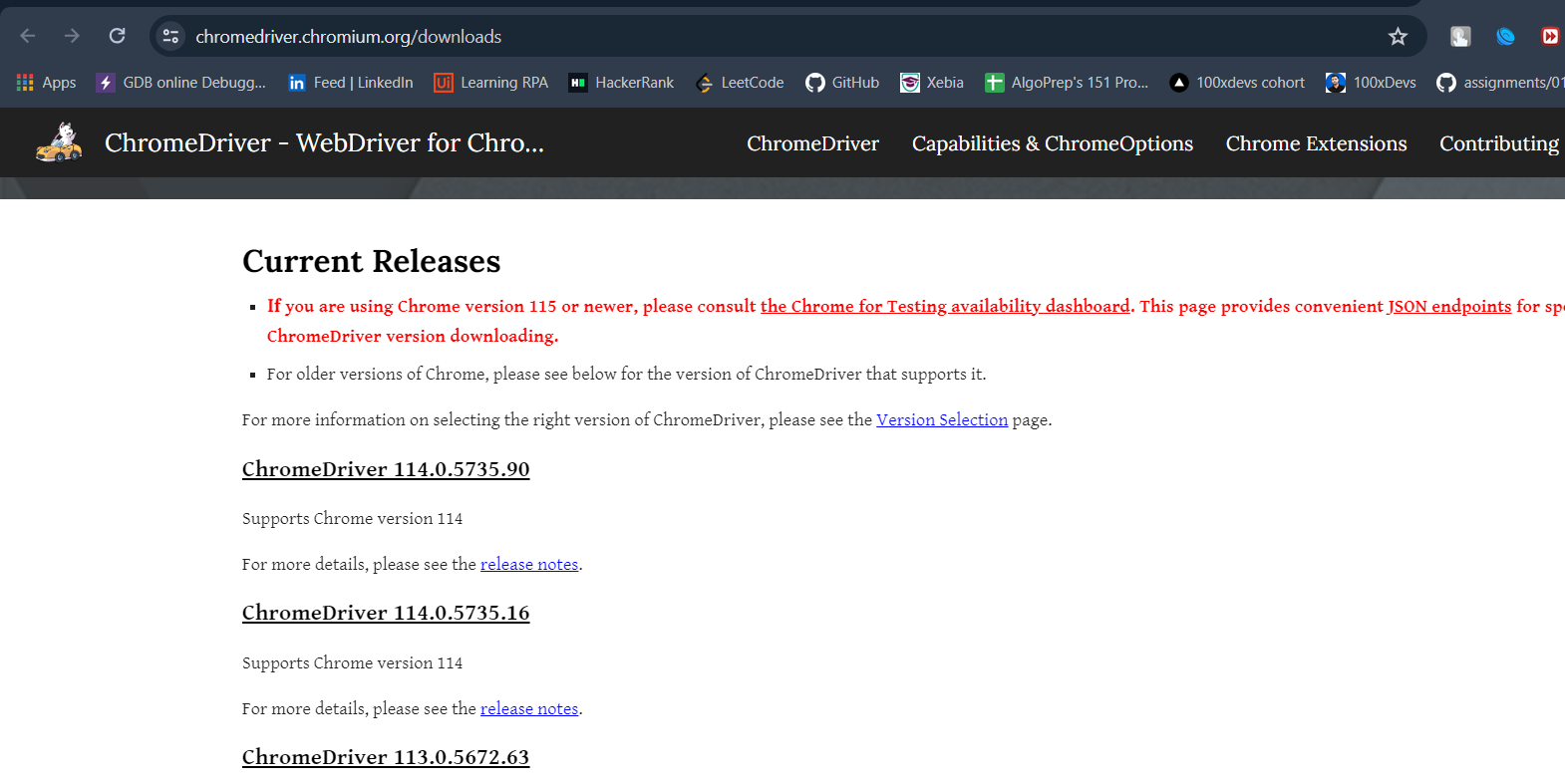
**Aim:** Invoking the Webpage via WebDriver in Java

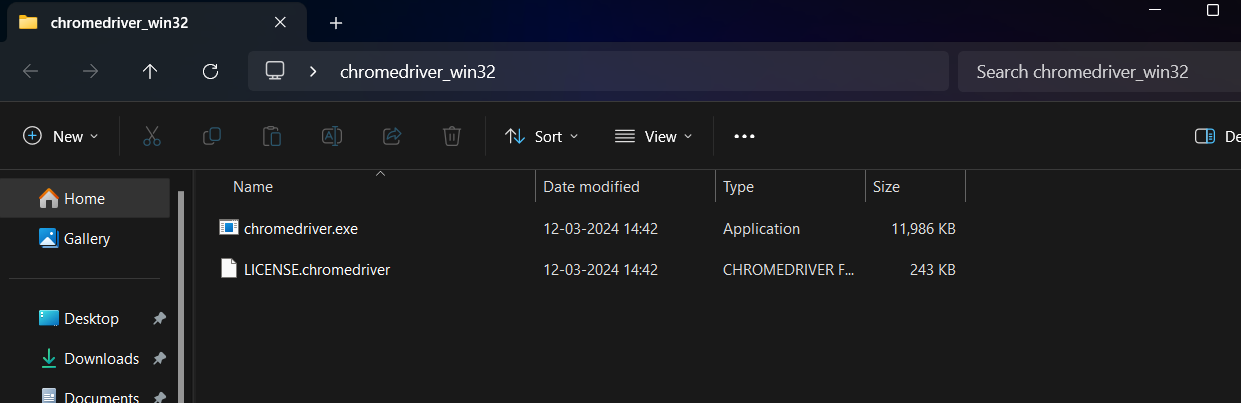
**Downloading the selenium for java**

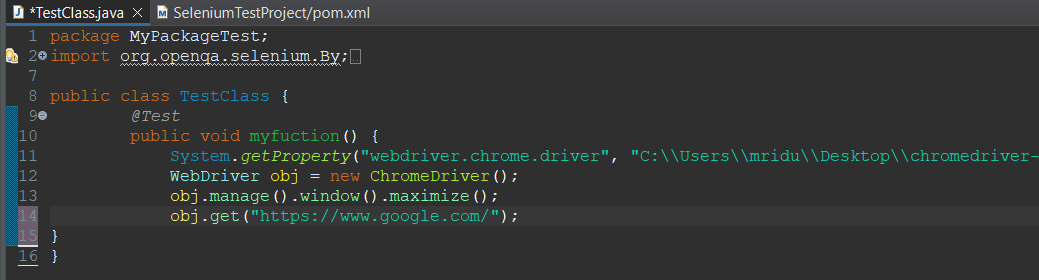
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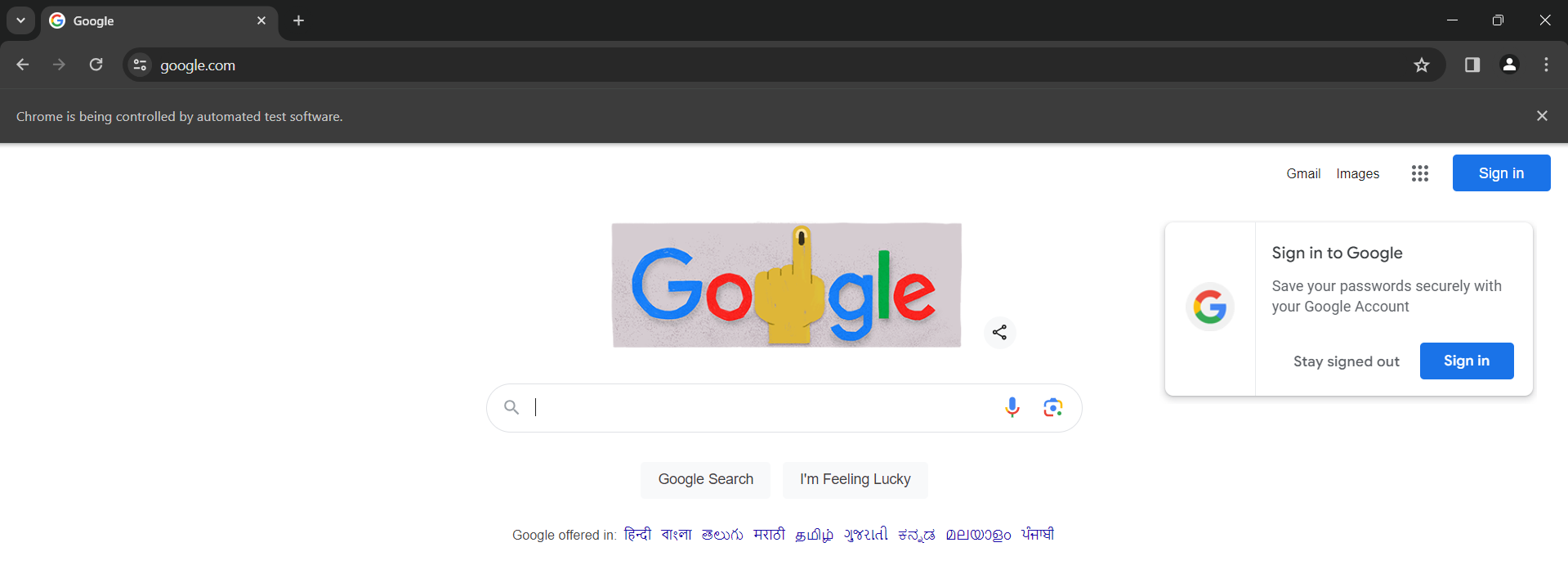
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**Download chrome driver**

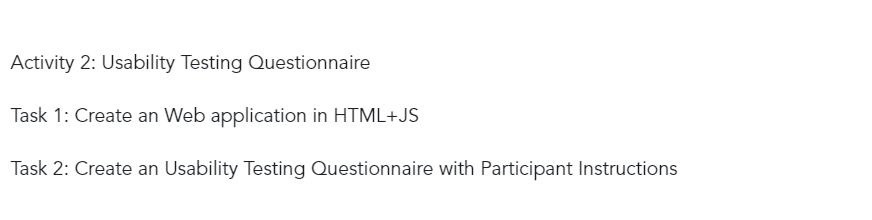
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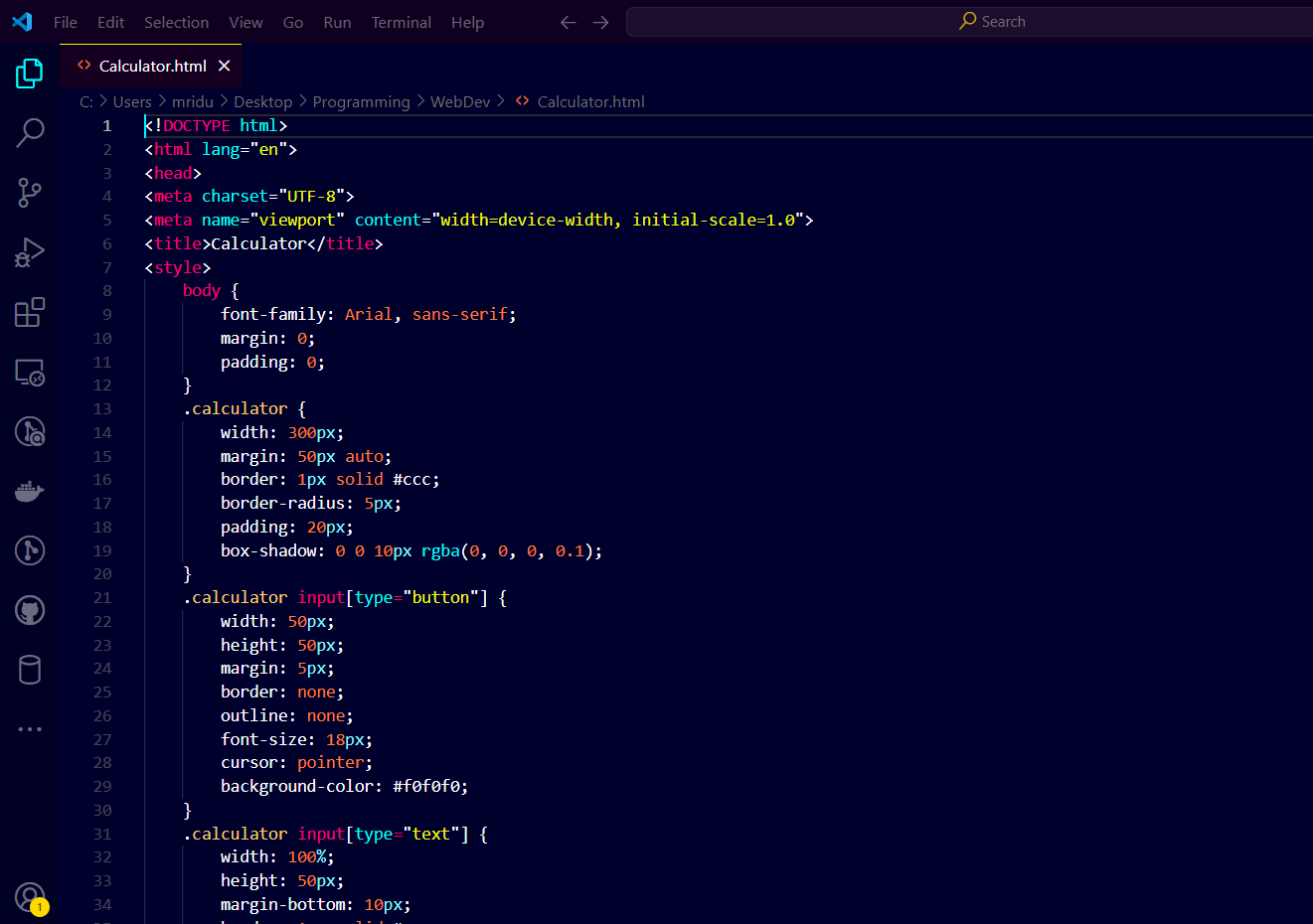
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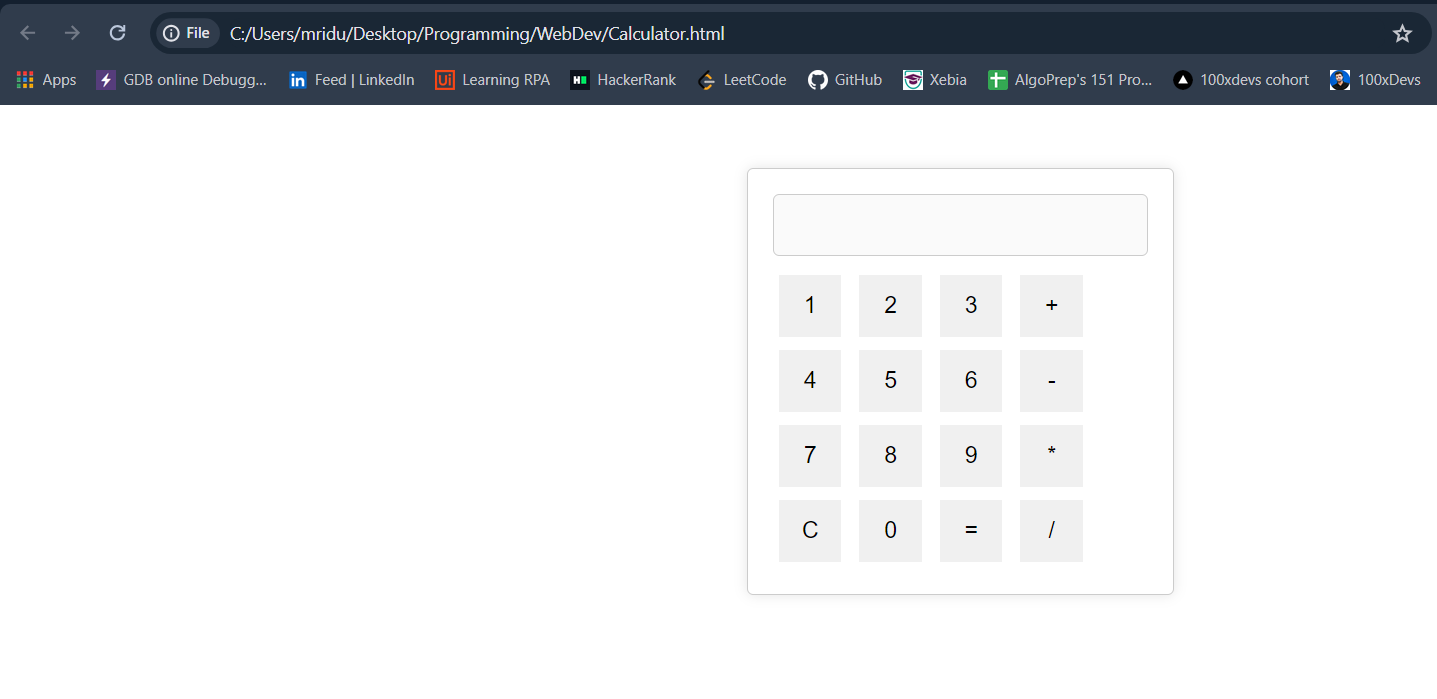
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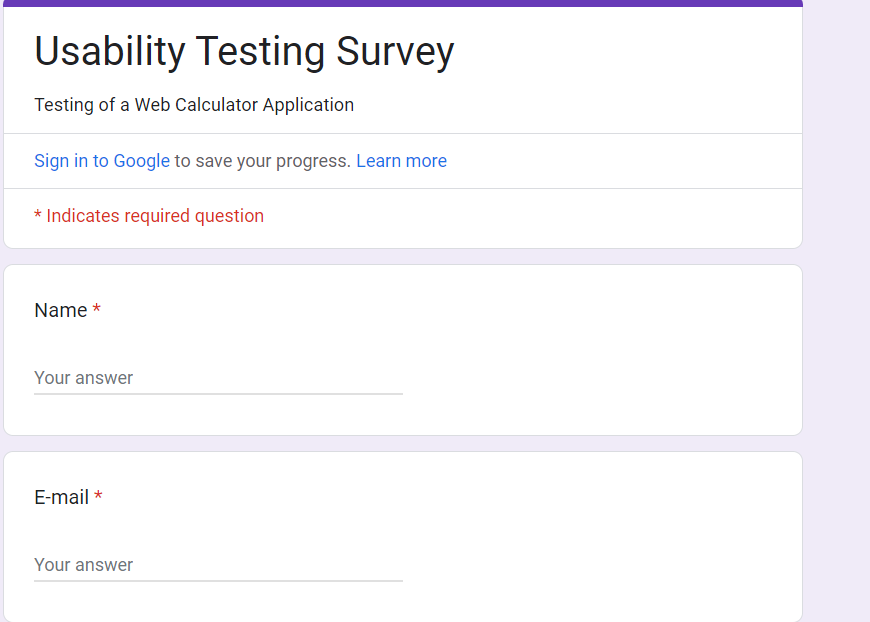
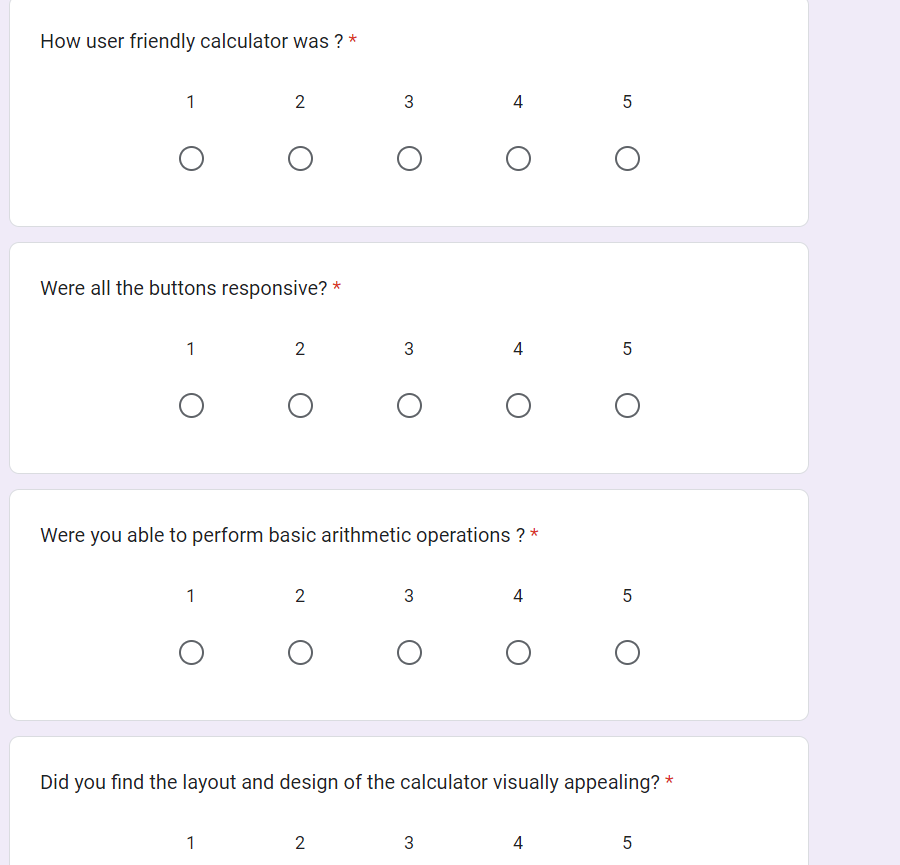
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**Experiment - 2**

**Aim:** 

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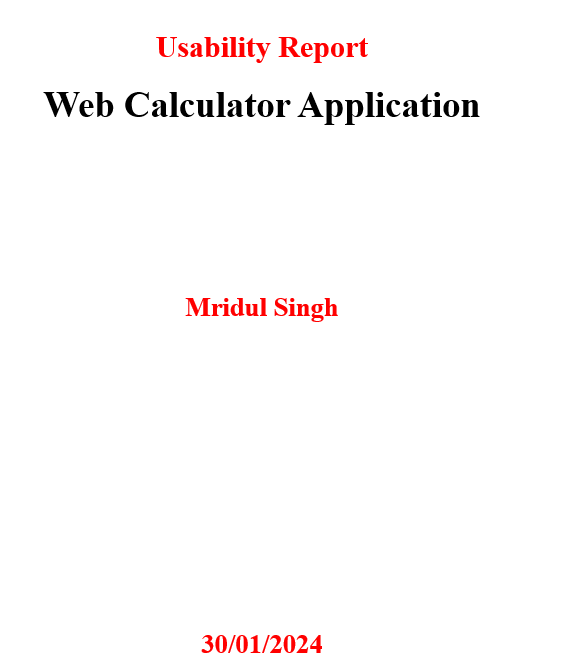
Forms response chart. Question title: How user friendly calculator was ?
. Number of responses: 4 responses. Forms response chart. Question title: How affected were you by the color palette used?
. Number of responses: 4 responses.

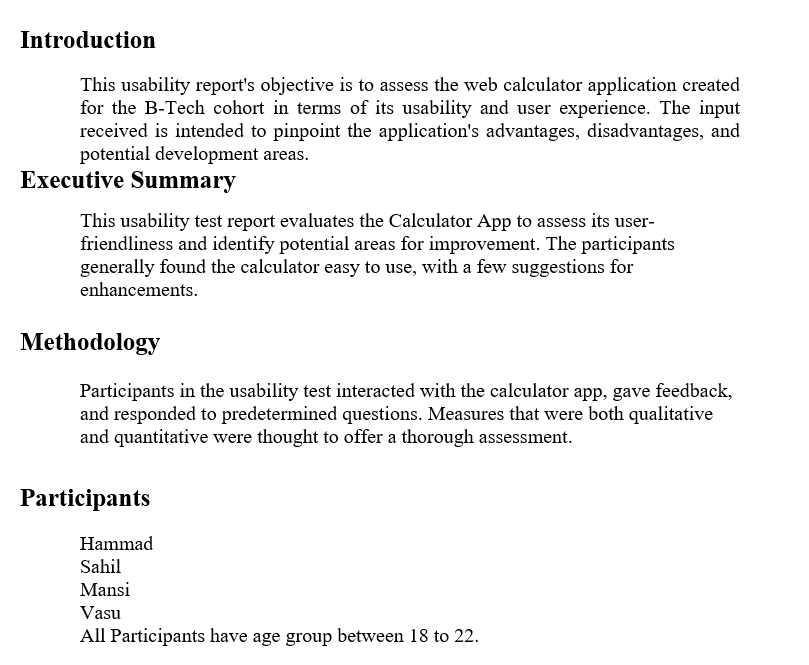
Forms response chart. Question title: How affected were you by the color palette used?
. Number of responses: 4 responses.

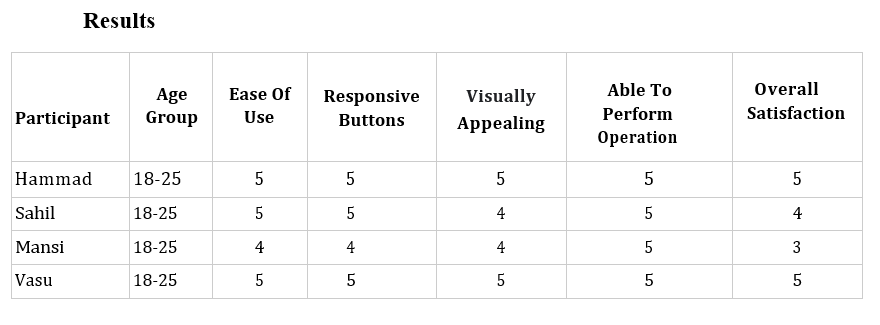
Forms response chart. Question title: Did you find the layout and design of the calculator visually appealing?
. Number of responses: 4 responses.Forms response chart. Question title: Were all the buttons responsive?
. Number of responses: 4 responses.

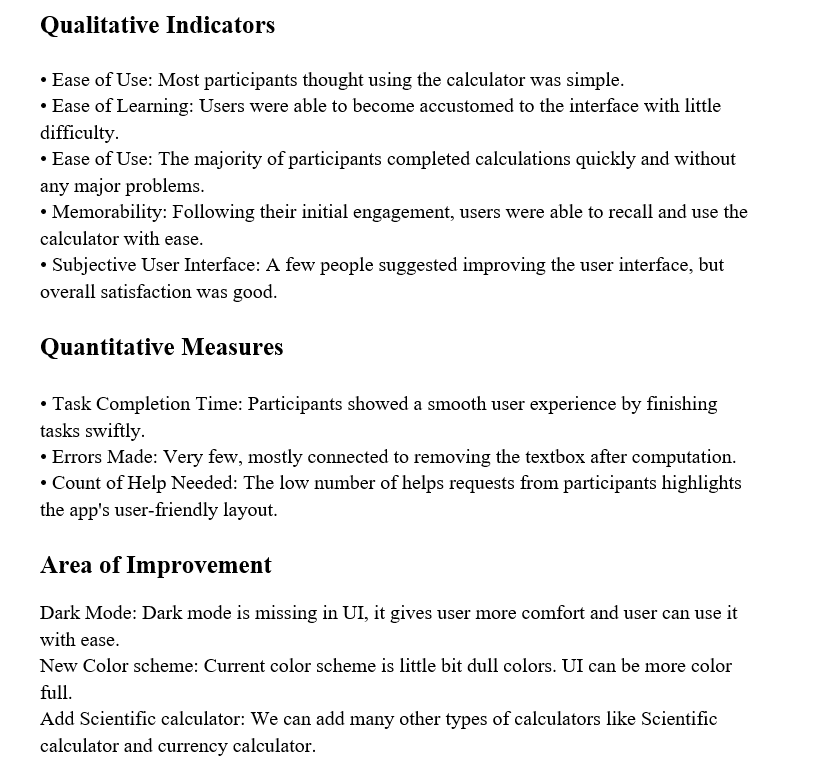
**Experiment – 3**

# Aim: Usability Test Report Submission

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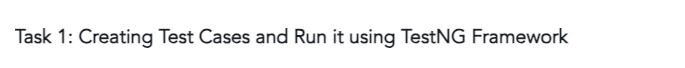
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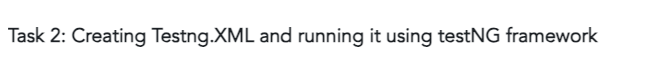
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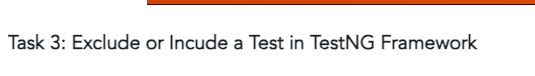
**Experiment – 4**

**Aim:**

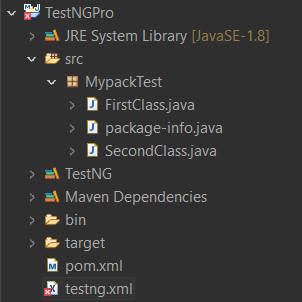


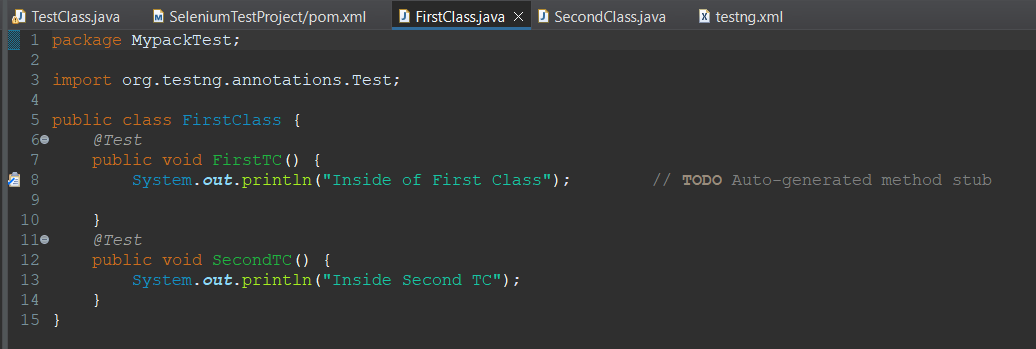


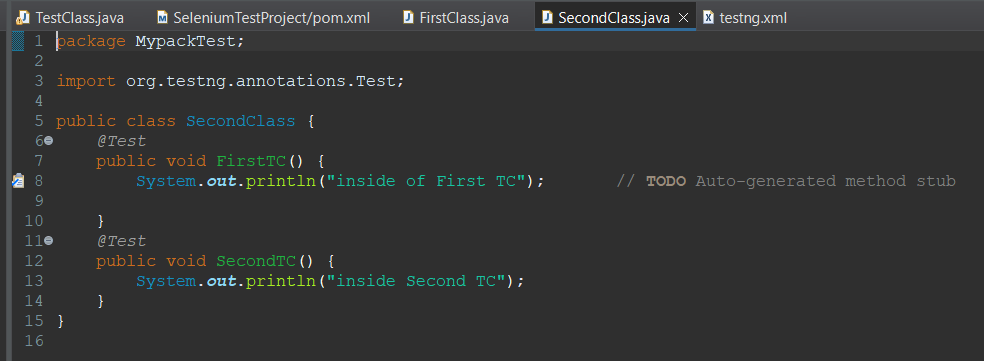




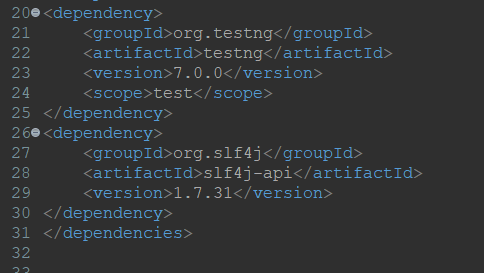
Create following classes inside the package:

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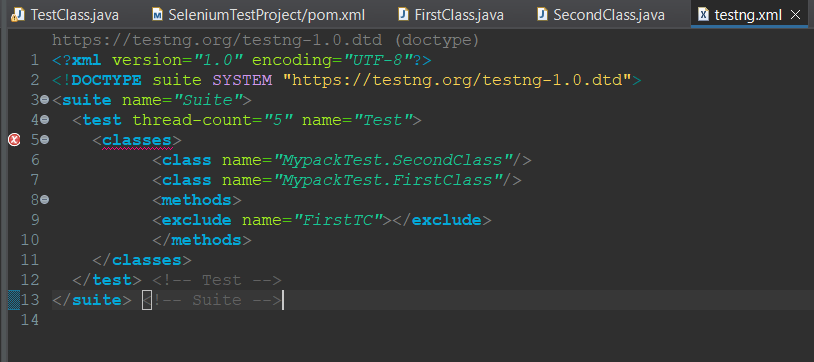
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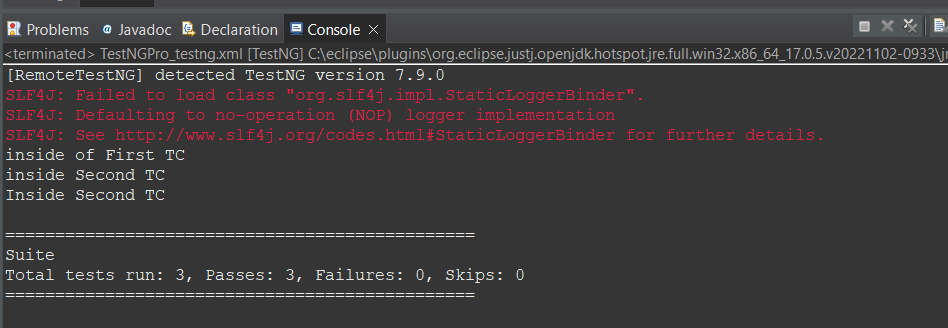
Add TestNG dependencies in pom.xml

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Create Testing.xml

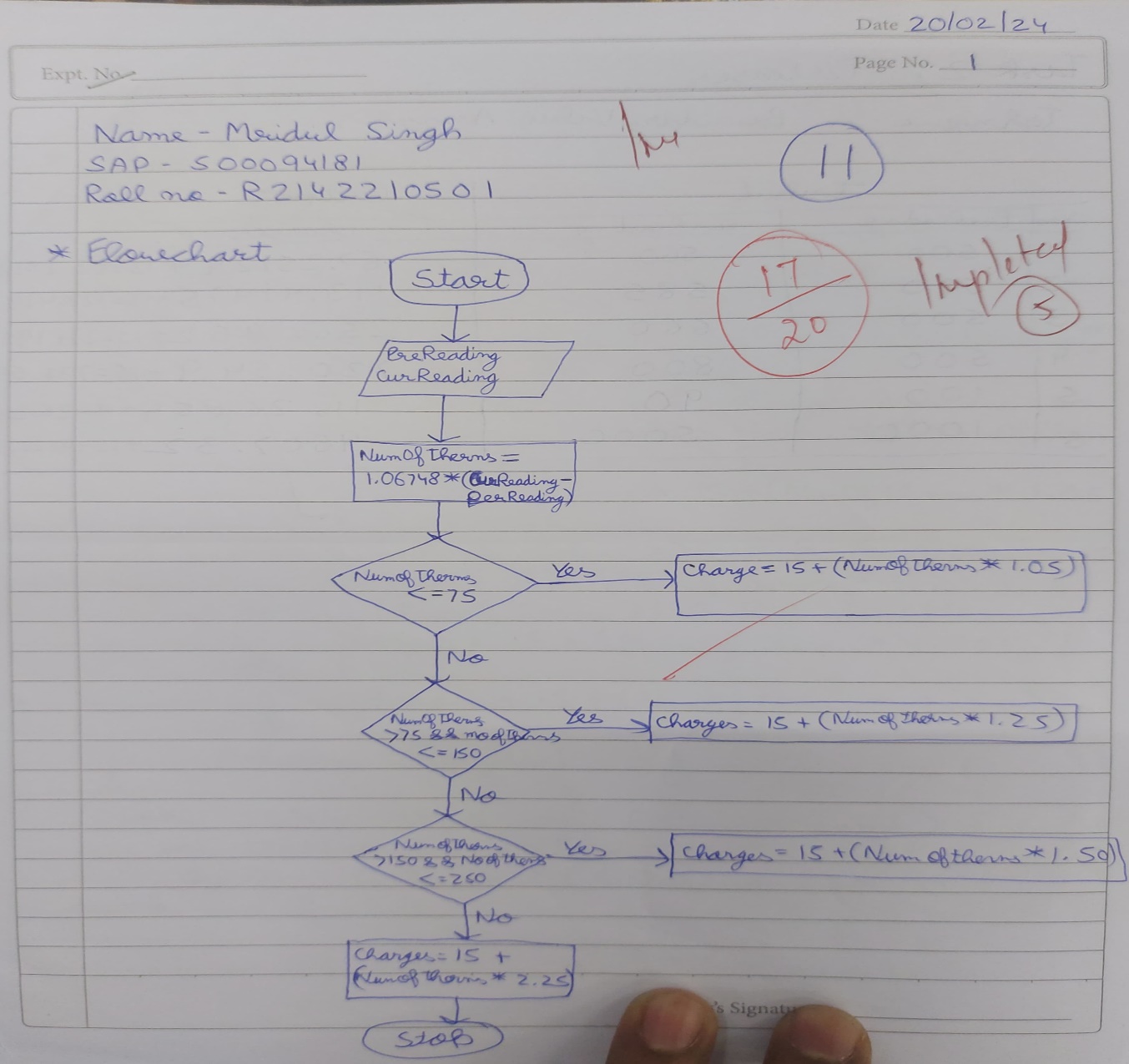
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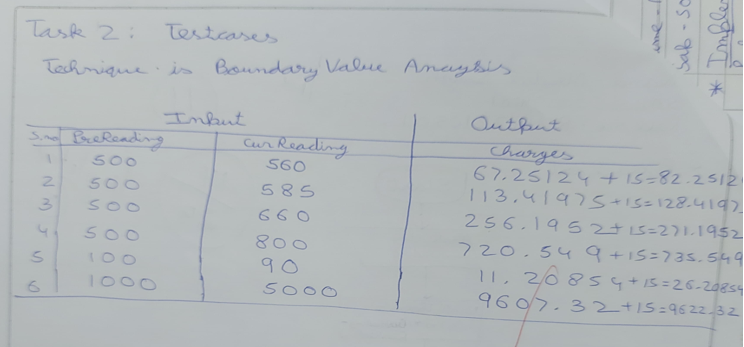
Run testing.xml

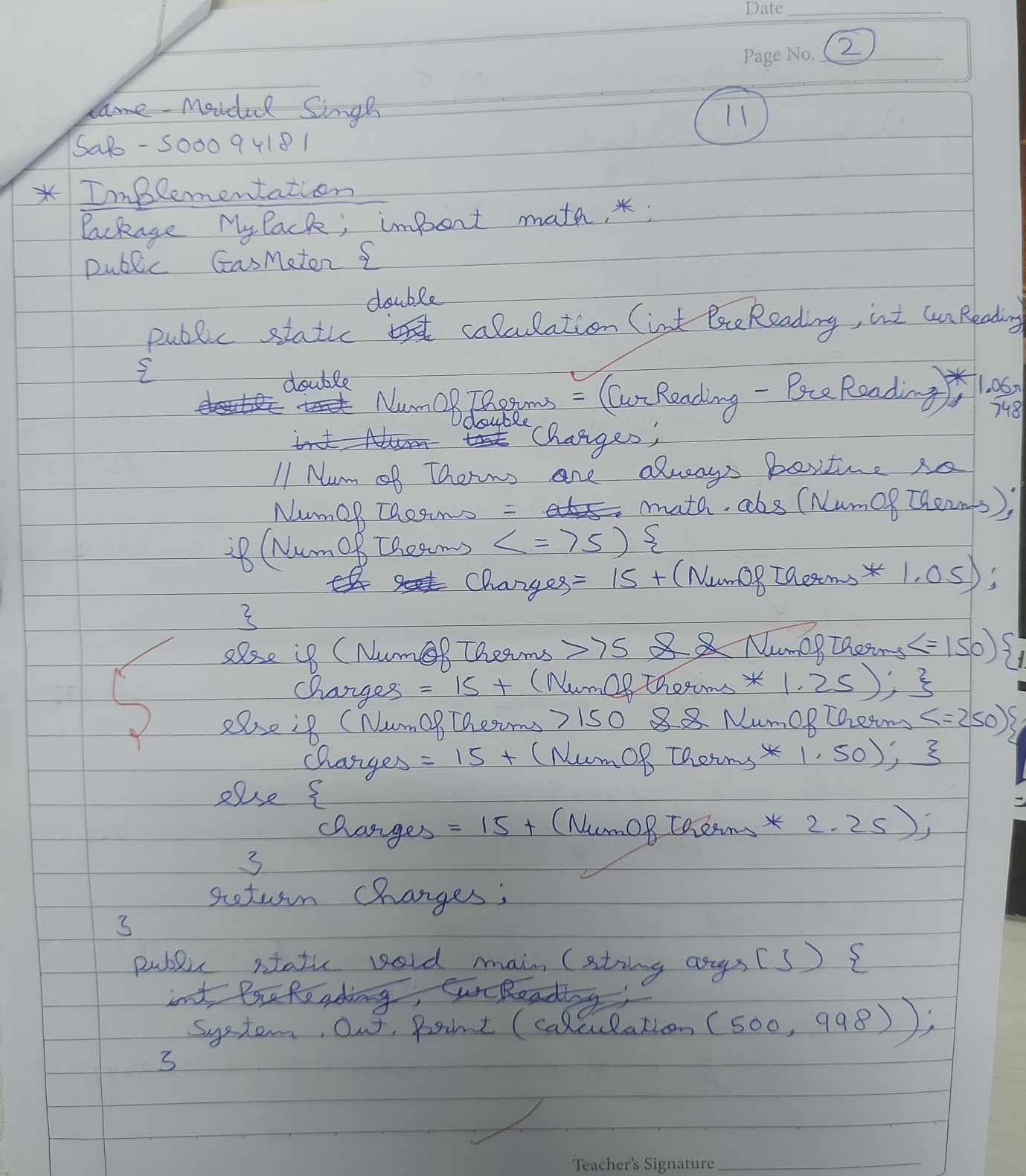
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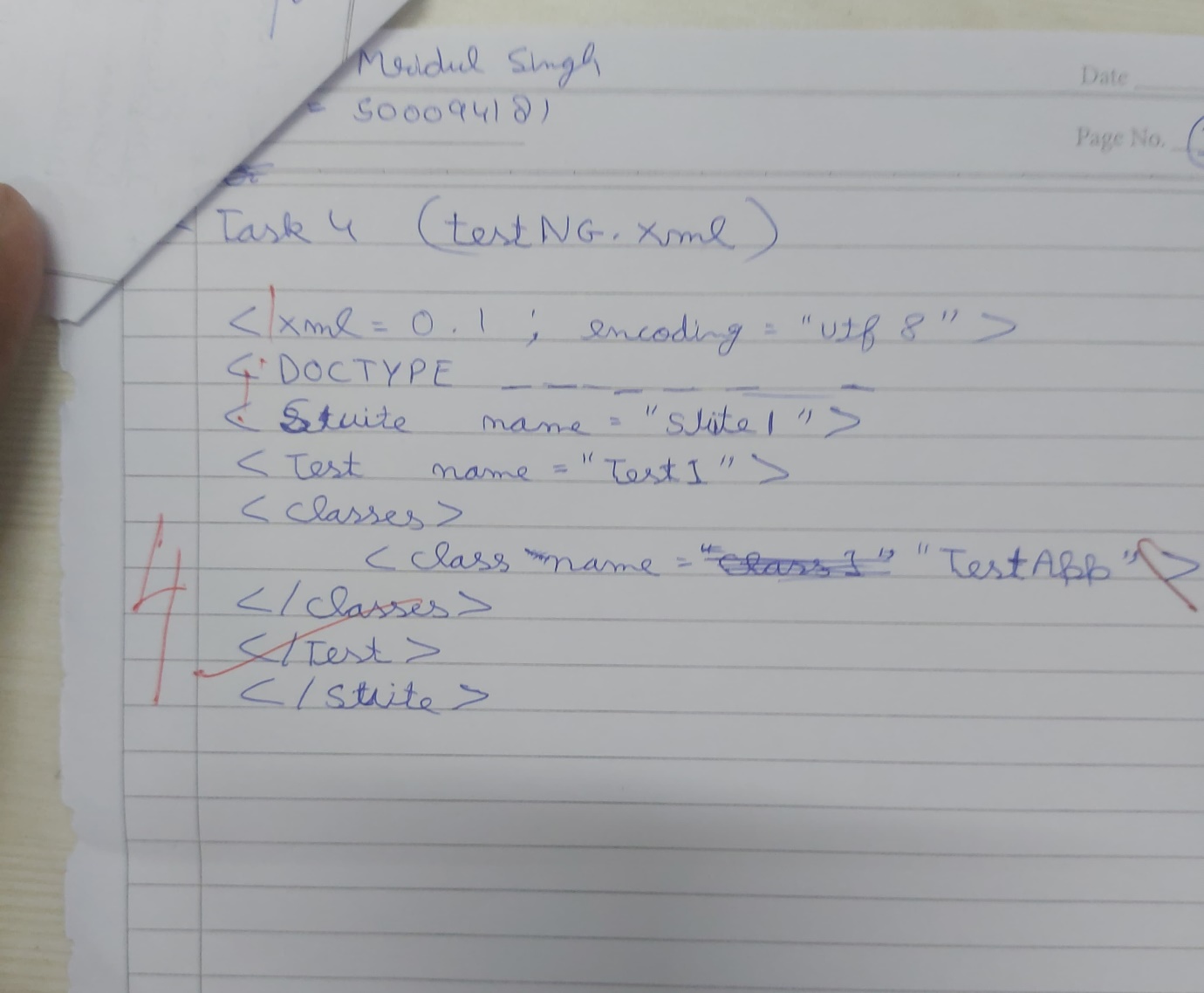
**Experiment – 5**

**Aim:** Mid Semester Assessment of Test NG



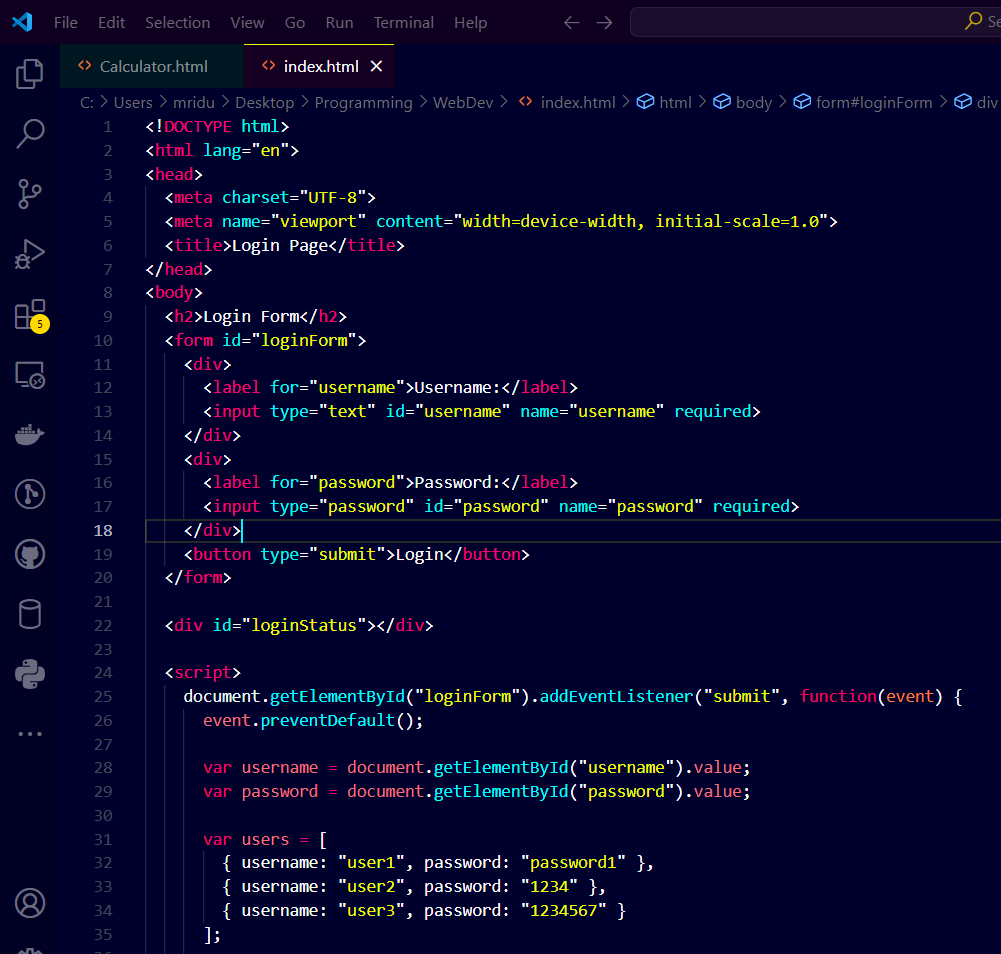
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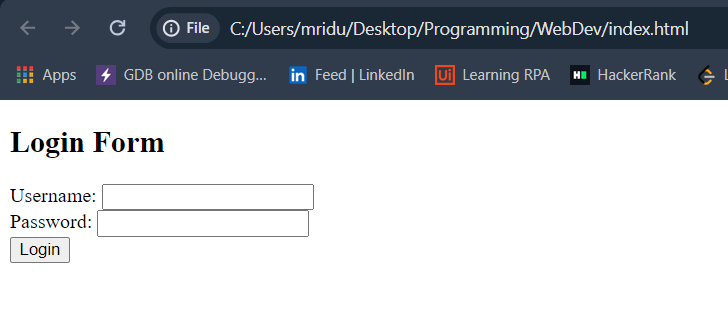


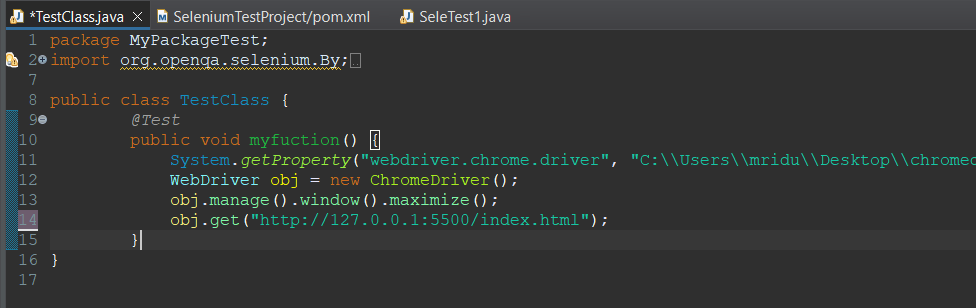


**Experiment – 6**

**Aim:** Create a Web Application for Stateless Login Checking.

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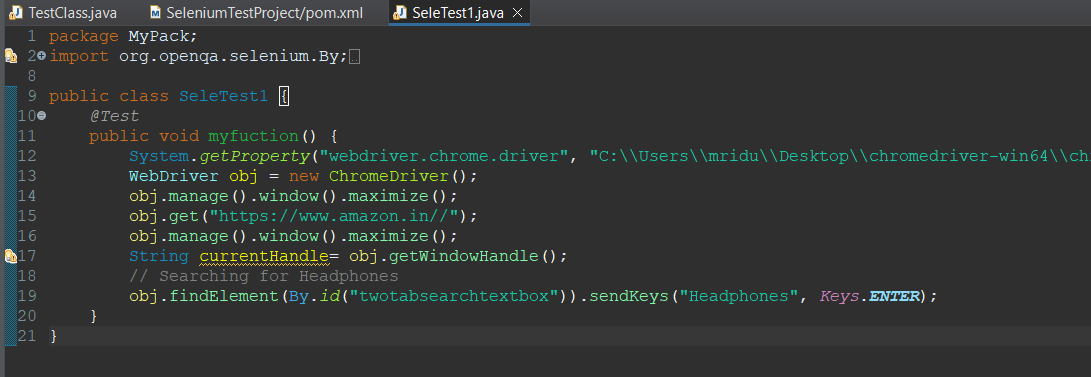
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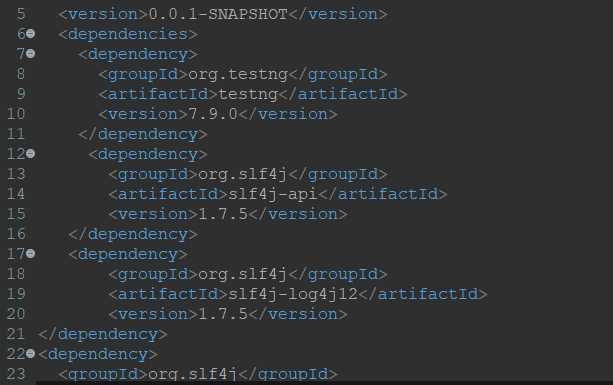


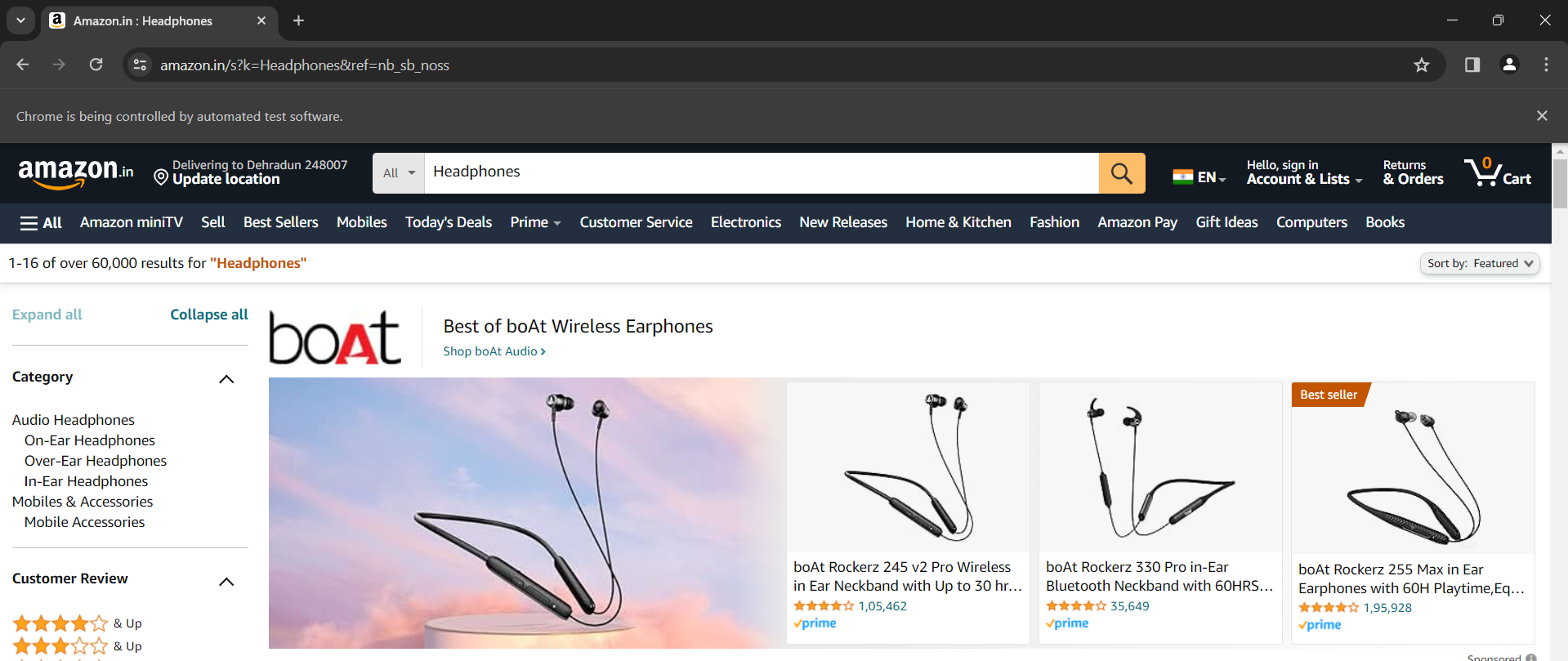
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**Experiment – 7**

**Aim:**  Traversing Through a Tutorial Website

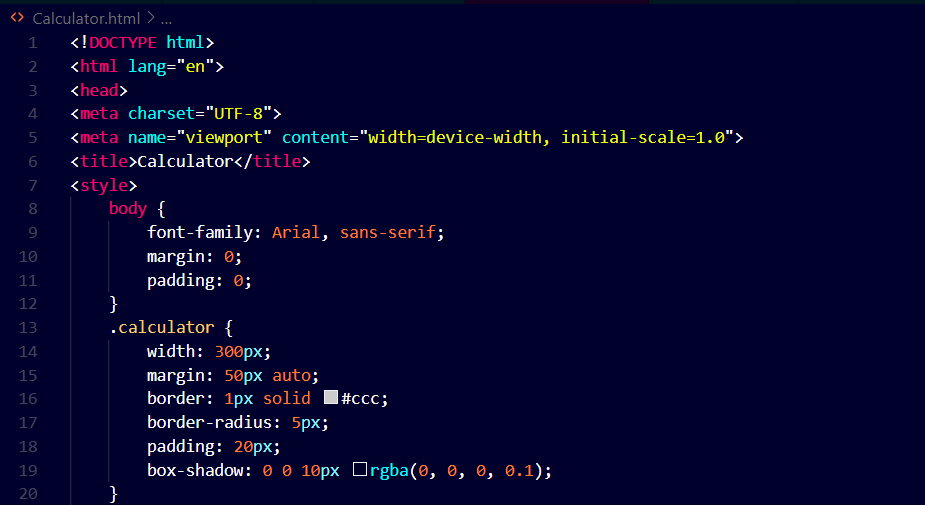
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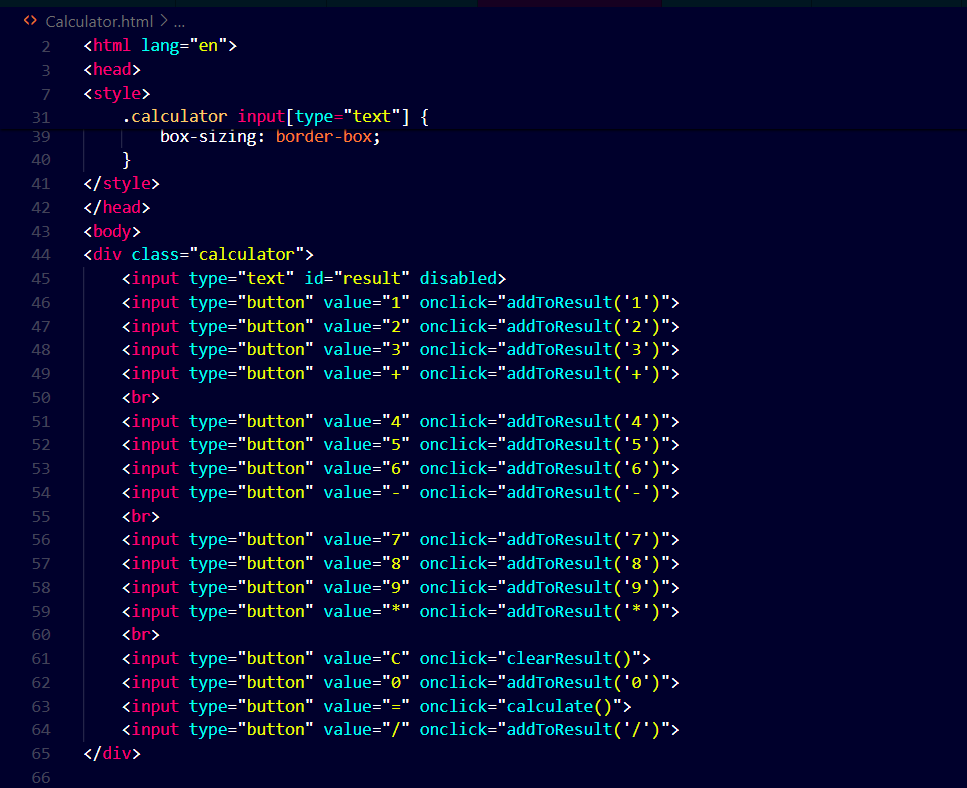
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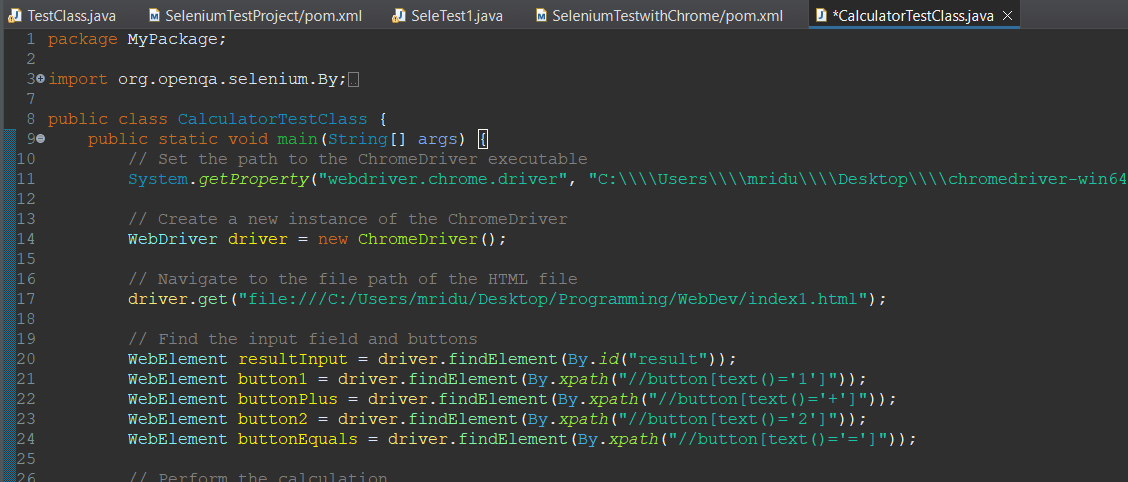
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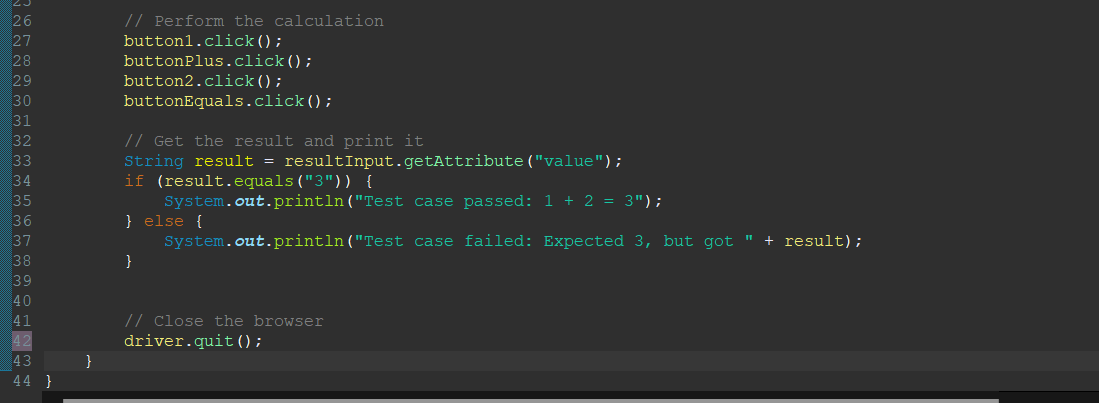
**Experiment – 8**

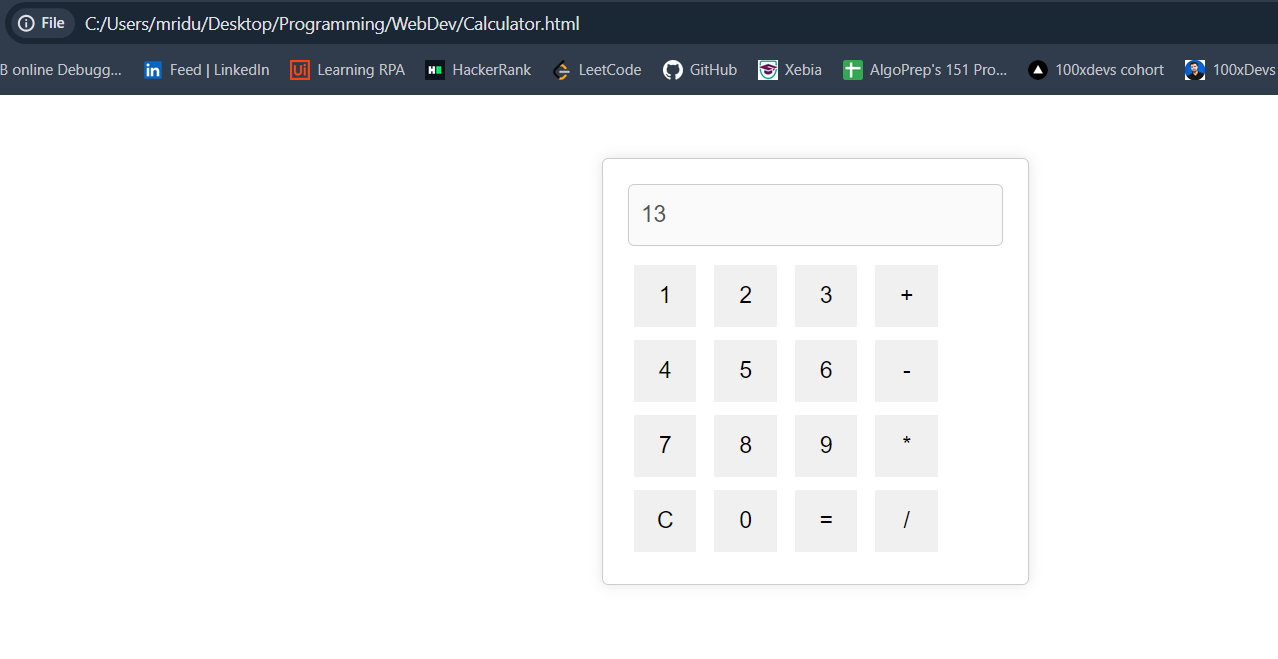
**Aim:** Test Automating the Calculator Application





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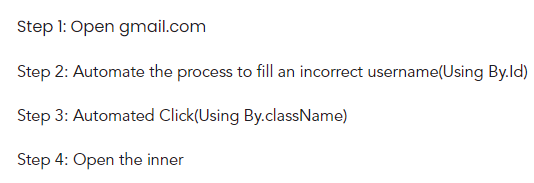
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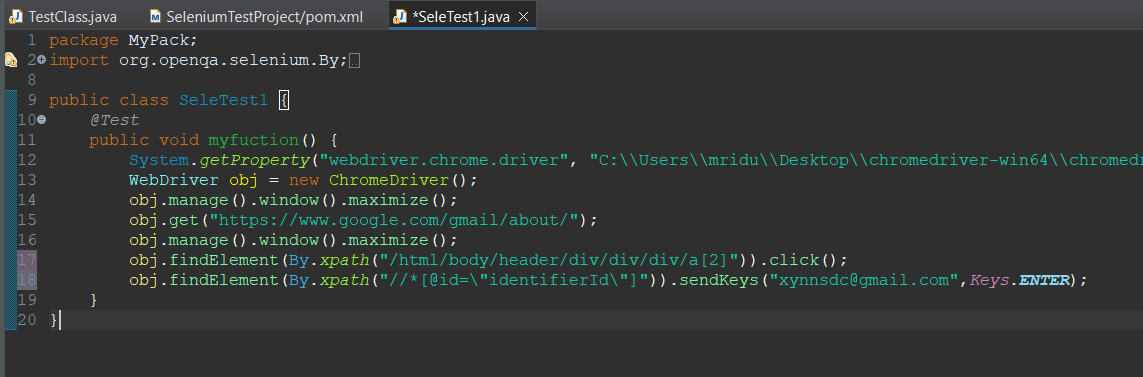
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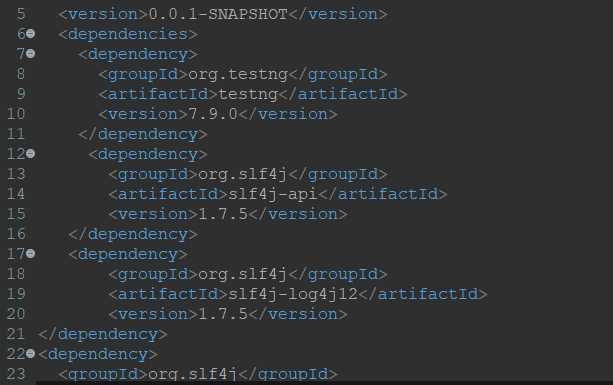
**Experiment – 9**

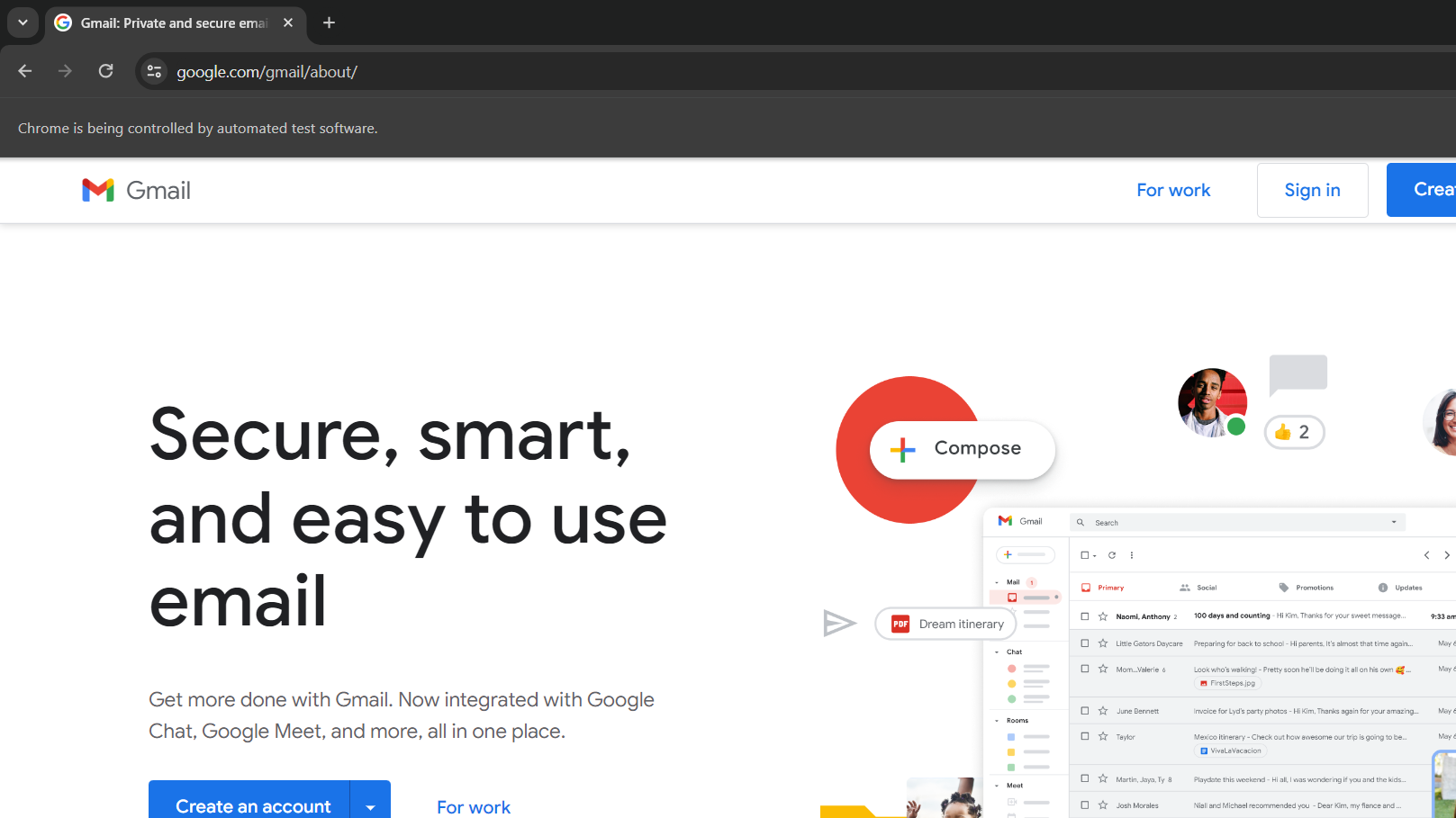
**Aim:**

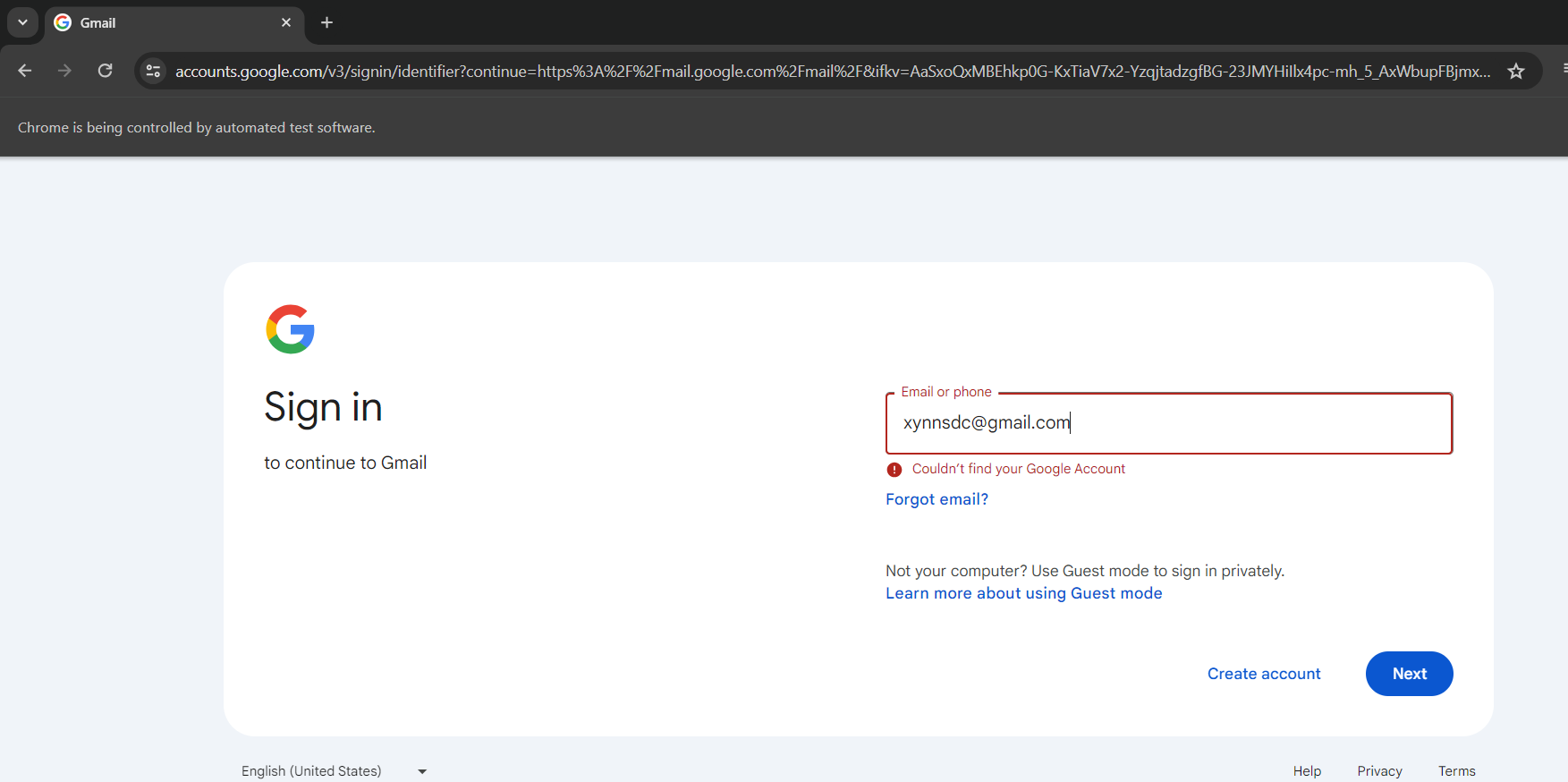
Working on XPath Selector

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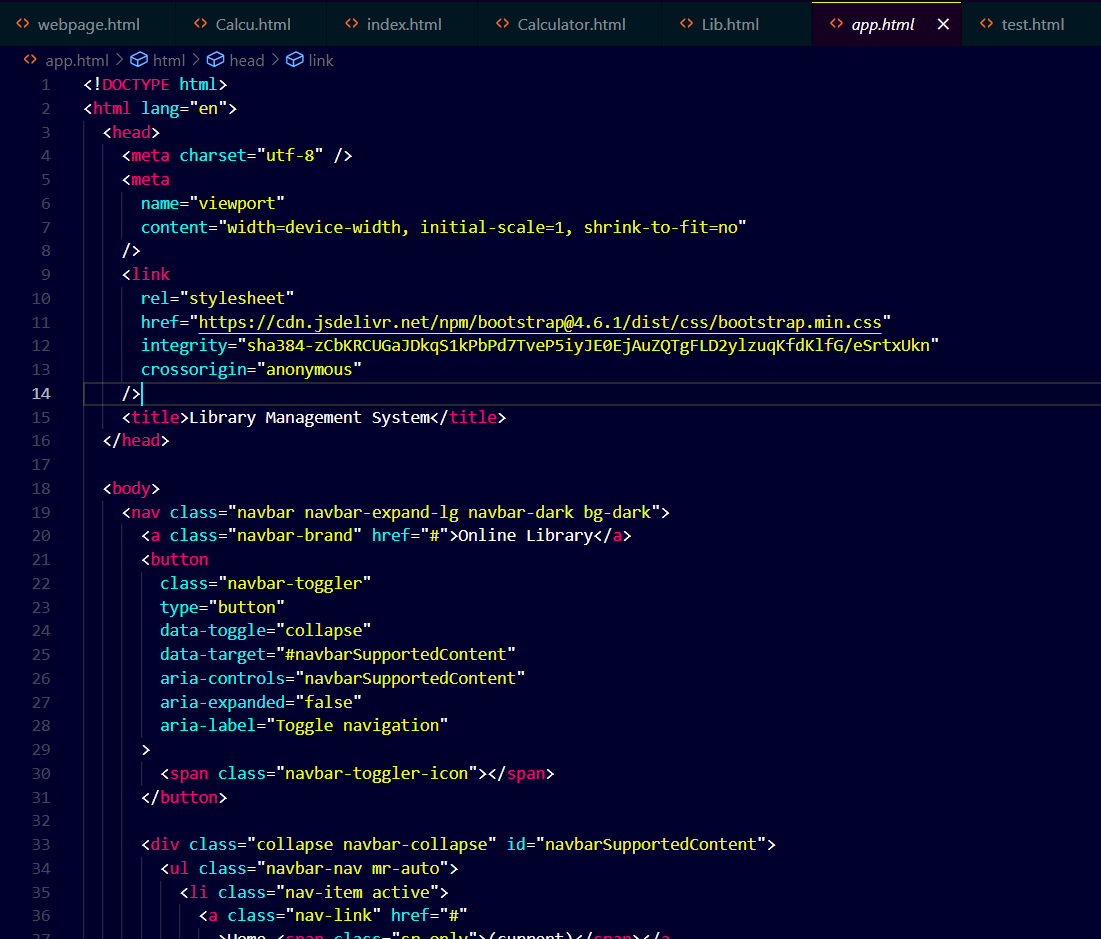
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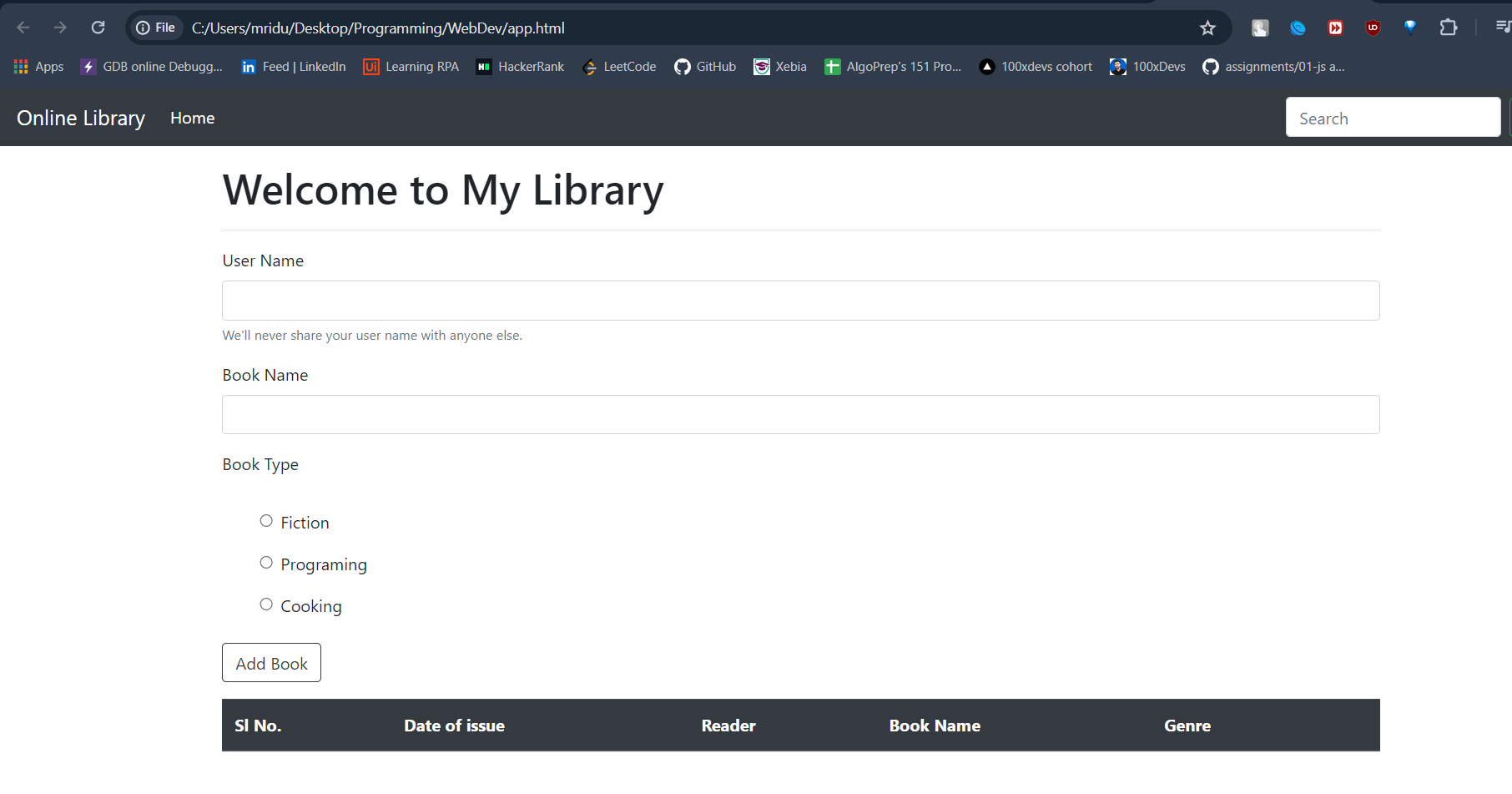
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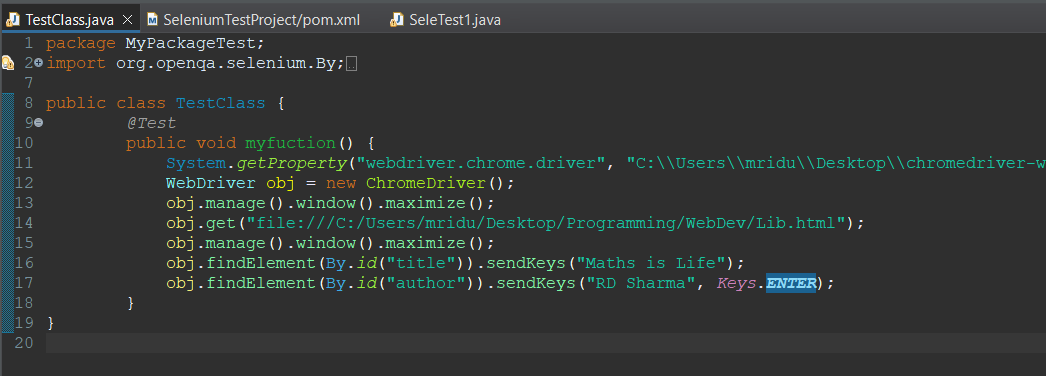
**Experiment – 10**

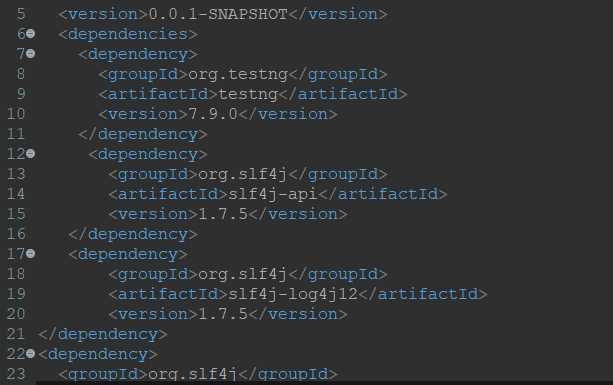
**Aim:** Project with Selenium & TestNG

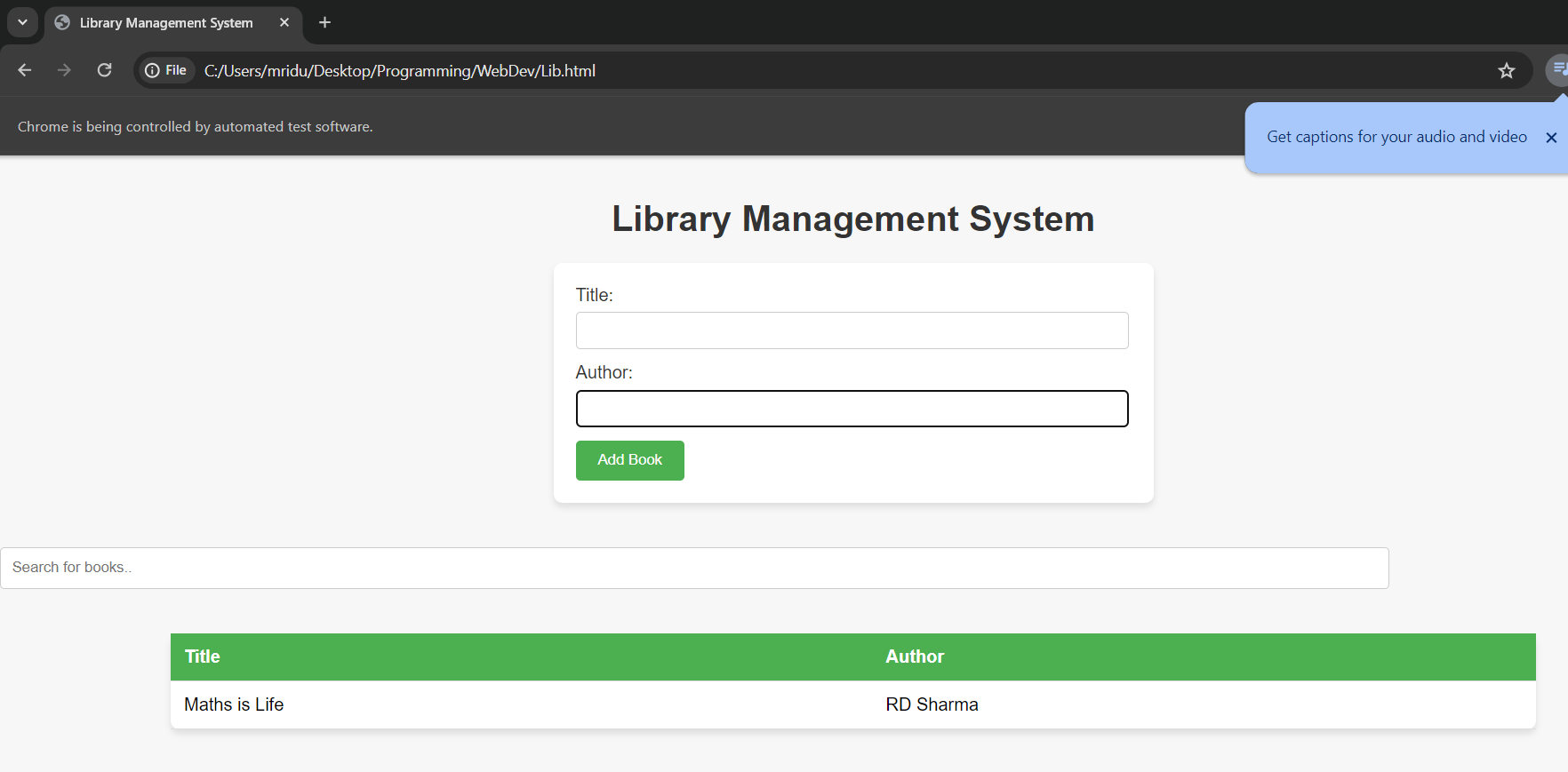
Creating a Library management System And testing it using selenium.

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