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CSSE376

Lab 7 Answers

1. The advantage of Selenium is that it can automatically peruse a webpage and verify that a webpage is displaying the correct contents during the course of a web development project. It can help automate a lot of the development process by having the test cases written prior to creating the webpage, and then merely pressing a button to verify that everything is in working order without having to manually check off a list of everything that is functional.

2. Yes; the downside is that it requires precise test cases to be written specifying exactly which buttons to press to move onto the next page and to verify that the contents of a page are being displayed correctly.

3. `<tr><td><a href="myCase.html">MyCase</a></td></tr>`

4.
```
<tr>
  <td>click</td>
  <td>//a[@id='myLink']/</td>
  <td></td>
</tr>
```

5. The advantages are that it allows the test cases to be in the same language as the webpage being tested, and that it allows easy inspection of the test cases and testing suites.
A disadvantage of using HTML is that it requires at least some knowledge of HTML in order to be of any use to the person testing the webpage.