**MODULE :-5**

**1. What is Automation Testing?**

**ANS:- Automation Testing** is a software testing technique that performs using special automated testing software tools to execute a test case suite. On the contrary, Manual Testing is performed by a human sitting in front of a computer carefully executing the test steps.

**2. Which Are The Browsers Supported By Selenium Ide?**

**ANS:-**

1. Chrome
2. Edge
3. Firefox
4. IE
5. Safari

**3. What are the benefits of Automation Testing?**

**ANS:-**

1. **Cost savings**: Despite initial setup costs, automation saves money in the long run.
2. **Faster feedback loops**: Automated tests provide quicker results.
3. **Better resource allocation**: Manual testers can focus on more complex tasks.
4. **Higher accuracy**: Automation reduces human error.
5. **Increased test coverage**: More scenarios can be tested.
6. **Early bug detection**: Issues are caught before deployment.
7. **Scalability**: Automation can handle large-scale testing.

**4. What are the advantages of Selenium?**

**ANS:-**

1. It is an open source, free, and cost-effective tool
2. It supports multiple programming languages, browsers, and operating systems
3. It automates cross browser testing and provides accurate and consistent results
4. It allows for repeated, parallel, and scalable testing
5. It is flexible, well documented, and easy to implement

**5. Why testers should opt for Selenium and not QTP?**

**ANS:-**

1. [Selenium is free, open-source, and supports multiple programming languages, making it easier to learn and use](https://www.bing.com/ck/a?!&&p=5084b3c48463d356JmltdHM9MTcxODkyODAwMCZpZ3VpZD0wNjgzNTc4MS04NmFkLTY1YWItMDQyMS00MzFmODczNjY0M2MmaW5zaWQ9NTczOQ&ptn=3&ver=2&hsh=3&fclid=06835781-86ad-65ab-0421-431f8736643c&psq=Why+testers+should+opt+for+Selenium+and+not+QTP%3f&u=a1aHR0cHM6Ly90ZXN0c2lnbWEuY29tL2Jsb2cvZGlmZmVyZW5jZS1iZXR3ZWVuLXNlbGVuaXVtLWFuZC1xdHAv&ntb=1)
2. [Selenium allows conducting cross-browser testing, while QTP works only in Chrome, Firefox, Internet Explorer](https://www.bing.com/ck/a?!&&p=e6b065caada5af37JmltdHM9MTcxODkyODAwMCZpZ3VpZD0wNjgzNTc4MS04NmFkLTY1YWItMDQyMS00MzFmODczNjY0M2MmaW5zaWQ9NTc0MQ&ptn=3&ver=2&hsh=3&fclid=06835781-86ad-65ab-0421-431f8736643c&psq=Why+testers+should+opt+for+Selenium+and+not+QTP%3f&u=a1aHR0cHM6Ly9xYXRlc3RsYWIuY29tL3Jlc291cmNlcy9rbm93bGVkZ2UtY2VudGVyL3NlbGVuaXVtLXZzLXF0cC8&ntb=1)
3. [Selenium can be used for different OS and mobile testing, while QTP supports mobile devices only with the help of third-party software](https://www.bing.com/ck/a?!&&p=a89b5a41572f581eJmltdHM9MTcxODkyODAwMCZpZ3VpZD0wNjgzNTc4MS04NmFkLTY1YWItMDQyMS00MzFmODczNjY0M2MmaW5zaWQ9NTc0Mw&ptn=3&ver=2&hsh=3&fclid=06835781-86ad-65ab-0421-431f8736643c&psq=Why+testers+should+opt+for+Selenium+and+not+QTP%3f&u=a1aHR0cHM6Ly9xYXRlc3RsYWIuY29tL3Jlc291cmNlcy9rbm93bGVkZ2UtY2VudGVyL3NlbGVuaXVtLXZzLXF0cC8&ntb=1)**2**
4. [Selenium tests may be launched simultaneously](https://www.bing.com/ck/a?!&&p=13da1e5c5299c5b7JmltdHM9MTcxODkyODAwMCZpZ3VpZD0wNjgzNTc4MS04NmFkLTY1YWItMDQyMS00MzFmODczNjY0M2MmaW5zaWQ9NTc0NQ&ptn=3&ver=2&hsh=3&fclid=06835781-86ad-65ab-0421-431f8736643c&psq=Why+testers+should+opt+for+Selenium+and+not+QTP%3f&u=a1aHR0cHM6Ly9xYXRlc3RsYWIuY29tL3Jlc291cmNlcy9rbm93bGVkZ2UtY2VudGVyL3NlbGVuaXVtLXZzLXF0cC8&ntb=1)
5. [QTP provides various features, but it is a commercial tool, while Selenium is open-source](https://www.bing.com/ck/a?!&&p=bf6c5b8c15725fe3JmltdHM9MTcxODkyODAwMCZpZ3VpZD0wNjgzNTc4MS04NmFkLTY1YWItMDQyMS00MzFmODczNjY0M2MmaW5zaWQ9NTc0Nw&ptn=3&ver=2&hsh=3&fclid=06835781-86ad-65ab-0421-431f8736643c&psq=Why+testers+should+opt+for+Selenium+and+not+QTP%3f&u=a1aHR0cHM6Ly93d3cua25vd2xlZGdlaHV0LmNvbS9ibG9nL3NvZnR3YXJlLXRlc3RpbmcvdWZ0LXNlbGVuaXVtLWNvbXBhcmlzb24&ntb=1)

**6. To validate the Swaglab website Login and logout process page**

**ANS:-**