**• Which components have you used in Load Runner?**

1. Virtual user generator.
2. Controller
3. Analysis

**• How can you set the number of Vusers in Load Runner?**

You can set the number of Vusers **in the controller section while creating your scenarios**. Many other advanced options like ramp-up, ramp-down of Vusers are also available in the Controller section.

**• What is Correlation?**

Correlation' term refers to the handling of dynamic values coming from the server. These dynamic values are the unique values which are generated by the server for security purpose like the session ID, authorization token etc.

**• What is the process for developing a Vuser Script?**

1. Recording the vuser script.
2. Edit the vuser script.
3. Runtime setting.
4. Run the vuser script in stand-alone mode.
5. Incorporate the vuser script into a load runner scenario.

**• How Load Runner interacts with the application?**

Load Runner simulates user activity by generating messages between application components or by simulating interactions with the user interface such as key presses or mouse movements. The messages and interactions to be generated are stored in scripts.

**• How many VUsers are required for load testing?**

The number of virtual users required depends on your system under test, network configuration, hardware settings, memory, operating system, software application objective of a performance test. There cannot be any generic value of vusers.

**• What is the relationship between Response Time and Throughput?**

The response time for an average transaction tends to decrease as you increase overall throughput. However, you can decrease the response time for a specific query, at the expense of overall throughput, by allocating a disproportionate amount of resources to that query.

**• What is the difference between hits/second and requests/second?**

Hits per second means the number of hits the server receives in one second from the vuser. Request per second is the number of request the vuser will request from the server.

**• Create a normal script of above website with correlate using hp default website. Selenium IDE)**

<https://github.com/Richa-cell/Richa/blob/main/WebHttpHpdeafult%20website%20script.rar>

**• What is Automation Testing?**

Automation testing is the process of writing a computer program to do testing that would otherwise need to be done manually.

**• Which Are The Browsers Supported By Selenium Ide?**

The browsers supported by selenium ide are Firefox, Microsoft edge and Chrome.

**• What are the benefits of Automation Testing?**

1. Faster Feedback Cycle. ...

2. Testing on Multiple Platforms in Parallel. ...

3. Reusability of Test Scripts. ...

4. Easy Data-driven Testing. ...

5. Test Insights. ...

6. Maximum Test Coverage. ...

7. 24X7 Test Execution. ...

8. Scalability

**• What are the advantages of Selenium?**

1. Selenium is an open-source automation testing tool.

2. It is free of cost to use.

3. Selenium provides high tester flexibility to write advanced and complex test cases.

4. Selenium supports test case execution on multiple operating systems such as Windows, Linux, Android, Mac, and iOS.

5. Selenium supports mobile devices.

6. Selenium can execute tests while the browser is minimised.

7. It can execute text in parallel.

**• Why testers should opt for Selenium and not QTP?**

Selenium, however, supports a wide range of programming languages. QTP/UFT test scripts run only on the Windows environment. They cannot be run across all browsers. On the other hand, Selenium is OS independent and allows test scripts to run across all browsers.

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<https://github.com/Richa-cell/Richa/blob/main/Topssite.side>

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**1. To use assert**

**2. To use click and wait**

**3. To use locators**

**4. To use other command**

<https://github.com/Richa-cell/Richa/blob/main/Topssite.side>