1. **Which components have you used in Load Runner?**

* **Vuser Generator (VuGen)**: For generating and editing scripts.
* **Controller**: For creating, executing, and controlling scenarios.
* **Analyzer**: To analyze results.
* **Load Generators**: Machines that generate virtual load.

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

You can specify the **number of Vusers** to run simultaneously, or the number of Hits or Transactions Per Second. **LoadRunner** Enterprise automatically builds a schedule based on the selected goals. For details, see Distribute **Vusers** by goal.

1. **What is Correlation?**

**Correlation** is a process of capturing and storing the dynamic response from the server and passing it in the subsequent requests.

1. **What is the process for developing a Vuser Script?**
2. Record the Vuser Script using the appropriate protocol and actions.
3. Edit and enhance the recorded Vuser Script to add logic, parameters, checkpoints, etc.
4. Define the runtime settings for the Vuser Script, such as iterations, pacing, log level, etc.
5. Run the Vuser Script in stand-alone mode to verify its functionality and performance.
6. Incorporate the Vuser Script into a LoadRunner scenario to run it with multiple Vusers.
7. **How Load Runner interacts with the application?**
8. **How many VUsers are required for load testing?**

The total **number** of **virtual users** for your **load test** depends on the number of **virtual users** in the test script and the number of test engine instances. The formula is: Total **virtual users** = (virtual **users** in the JMX file) \* (number of test engine instances).

1. **What is the relationship between Response Time and Throughput?**

However, the two are connected. The response time of the average transaction usually **decreases when throughput increases**. At the same time, at the expense of throughput, you can reduce response time if you offer a resource amount that is out of proportion to a certain query

1. **What is Automation Testing?**

Automated testing is a software testing technique that automates the process of validating the functionality of software and ensures it meets requirements before being released into production. With automated testing, an organization can run specific software tests at a faster pace without human testers.

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

Currently, Firefox, Chrome, Edge, IE, and Safari are supported and the Selenium IDE has great documentation on how to configure your environment. Code generation: With the Code Export feature, users can export a test or test suite to WebDriver code

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

Benefit 1: Increased Efficiency and Speed. The most noticeable benefit of automated testing is speed. ...

Benefit 2: Enhanced Accuracy. ...

Benefit 3: Improved Coverage of Complex Test Scenarios. ...

Benefit 4: Save Money in the Long Run. ...

Benefit 5: A Highly Collaborative Team.

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

* Open Source Availability. Open source availability is one of the many advantages of using Selenium. ...
* Support for Major Languages. ...
* Flexible Test Management. ...
* Multi-Browser Use. ...
* Easy Cross-Device Testing. ...
* Reusable Automation Test Suites. ...
* Simple Framework for Users. ...
* Enhanced Collaboration.

1. **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.

1. **To validate the Swaglab website Login and logout process page https://www.saucedemo.com**

This answer is in a attached saucedemo1.side