**Module-4**

**automation core Testing.**

* Which components have you used in load runner?
  + - * Load generator generates the load against the application by following scripts.
      * VuGEN for generating and editing scripts.
      * Controller – specifying which script to use,for how long etc.

* how can you set number of Vuser in load runner?
  + - We can set the number of Vusers in the controller section while creating your scenarios.
    - Many option there in the controller like ramp-up,ramp-down of Vuser are also available in the controller section.
* What is correlation?
  + - It is refers to the handing of dynamic values coming from the server.
    - This values are the unique values that are generated by the server for security purpose like the session id, authorization token etc.
* what is the process for developing a Vuser script?
  + - Step 1: Record the Vuser script.
    - Step 2: playback and improve the recorded vuser script.
    - Step 3:Define and test the different run time parameters.
    - Step 4:Use the script in a load runner scenario.
* How load runner interacts with the application?
  + - It simulates user activity by generating messages between application components or by simulating interaction with the user interface such as key presses or mouse movements.
* How many Vusers are required for load testing?
  + - If you run a load test with 10000 virtual users,each making a request every 20 seconds,then you’re making 30000 requests per minute,which equals 500 requests per second.
* What is the relationship between response Time and Throughput?
  + - In terms of load / performance testing, Throughput and response times are inversely proportional i.e with increase in response time throughput should decrease.
* create a normal script of above website with correlate using hp default website.

🡪check the automation and selenium folder🡪 WebHttpHtml2 zip file.