

# Evaluate the Performance of an E-learning Application Using Jmeter

## Description

As a Test Engineer, you are asked to develop an evaluation test for users logged into an e-learning application.

### Background of the problem statement:

As a part of the performance testing in any web portal, the back-end admin requires a module that can retrieve the performance of all the functions. This should be as per your requirement.

### You must use the following:

- JMeter 5.1.1 version
- Java Development Kit (Version 8)

## Algorithm-

Step 1:-Install the Jmeter.

Step 2:-Open the test using the name Simplilearn project.

Step 3:-Create a thread group to perform the non-functional testing.

Step 4:-In the thread group create some simple controller.

Step 5:-According to requirement create http request for homepage , login, registration, and logout.

Step 6:- In the homepage to check the actual response with expected response create a Response assertion.

Step 7:-In the login page to check the error of html we use html assertion and give the constant timer to delay the next request by a constant time which you can configure by adding the value of constant delay time.

Step 8:-In the registration page we use duration assertion use to found response in the specific time limit and give the constant timer to delay the next request by a constant time which you can configure by adding the value of constant delay time.

Step 9:- After that we add the some listener ie Graph Result, Aggregate Result, Assertion Result and View Result tree.

Step 10:- Run the program.

Step 11:-Create a repository in the GitHub.

Step 12:- Push the code in this repository.