

## Assignment Specification:

First, please study the lab 9 sheet and watch the lab 10 video, then watch the assignment video.

You are testing [New Tours \(Links to an external site.\)](#) website performance with a different number of requests and through different pages: loading the home page, sign-up, sign-in, Book a flight from London to Paris on the preferred date, run all of the thread groups one on Jmeter test plan ( one JMX file)

- Check the load test for all pages for 1, 10, 50 and 100 users for ramp-up time of 3 Sec, schedule the test for 20 seconds, with a delay time of 300 milliseconds for loading the home page.
- Set continue for all thread groups, if there is an error.
- Add assertion for each page.
- Add table result, Tree result and Graph result, aggregate report for each test
- Make a test case for this test with all steps, run it manually and export a report of the test-case.
- On each step, write the throughput/sec and throughput/min, min and max time of each sample.
- Analyse your result based on the aggregate result (all items for each page and in total, and write maximum two pages based on that as well. You can read [this article \(Links to an external site.\)](#) to understand your result.

## Assignment Submission Tasks:

- Save your test plan as a student number.JMX file e.g. S3xxxxxx.jmx.
- Do not forget to attach the JMX file to your Spiratteam test case.
- Submit the reportstudentnumber.pdf and analysis.pdf as a **zipped file**.
- Please read the Rubric for Marking guide

## Rubric

### Jmeter Performance Test

Jmeter Performance Test						
Criteria	Ratings					Pts
This criterion is linked to a learning outcomeJmeter tests and report Jmeter components Jmeter design and plan Run Tests Test Report and Analysis SpiraTeam Test Cases	<b>8.0 Pts HD</b> All required tests designed well and run perfectly, well-written report and analysis, relevant test cases on SpiraTeam	<b>7.0 Pts DI</b> All tests run perfectly. Minor errors in design or written report and analysis, relevant test cases on SpiraTeam	<b>6.0 Pts CR 5-6</b> All tests run perfectly. Major errors in design or written report and analysis, relevant test cases on SpiraTeam	<b>4.0 Pts PA</b> At least half of the tests run perfectly and have written report and analysis, relevant test cases on SpiraTeam	<b>0.0 Pts NN 0-3</b> Missing the report or not having test cases on SpiraTeam or less than half of tests are working	8.0 pts

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Total points: 8.0		