# Coursework 2: Deadline at 13th December 2019: 16:00

The aim of this coursework is to research, implement and maintain a working server-side tool for your server. You will be doing this with the learning you gained from coursework 1 **(you do not need your feedback yet, to start this coursework!).**

## Learning Outcomes

Following this coursework you will:

* Gain knowledge into current trends and tools used for implementing and maintaining a server-side tool.
* Demonstrate skills gained from researching implementation methods of AWS.
* Show your understanding in a report format which will assess and critique the tools you have researched.

## Tool Configuration

You have already gained experience in creating a LAMP stack in coursework one. This coursework is allowing you to research into existing tools and create extensions or new artefacts for the back end of a website.

**Using AWS** deploy tools to help with the configuration of a server.

1. URL rewrites
2. HTTPS
3. Access control
4. Error pages
5. CGI
6. Load balancing
7. Deploying website
8. Maintenance of a web server

Report (30 marks)  
Create a report which evidences the work you have completed for your tool configuration. Your report should include (but is not limited to):

* Screen shots of progress made
* Lessons learned and reflection on what you would do differently
* Explanations of how goals have been met

## Mark Allocation:

Marks are split between report content and formatting.

25 Marks: Discussion content and reflection.

5 Marks: Form of report and reference format.

An outstanding mark (80+) will cover all the aspects in the specification and show a true understanding of the steps took. References will be clear and formatting will make the report easy to read.

A first class mark (70+) might miss a few (1 or 2) steps in the specification but have a clear and correct step by step guide of what would be done. There will be a clear understanding of what has been done and the report will be formatted nicely.

## Submission

Word Limit: as a guidance we would suggest to aim for 1500 words (word limit is not strict).

A PDF/Word Document should be submitted to NESS for December 13th at 16:00