

# Research Essay

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## 1 ESSAY TOPIC

There are a variety of server-side scripting languages employed in the web today, each of which has its own distinct history and unique story to tell. These languages come from a diverse set of backgrounds, are employed in a wide range of technologies and can be difficult to compare and contrast (particularly in a non biased-manner).

Both the rationale in adopting a development language and in selecting a development stack can be influenced by multiple factors (popularity vrs market share, early adopters vrs late majority, small start-up vrs mature corporations, new products vrs legacy software). Identifying the “right” solution is a complex thought process where the developer must weight the pro's and cons for technical infrastructure.

So, for the purposes of this research paper, you will identify and introduce a topic related to Sever side web development, discuss the topic in detail, report any findings or insights that you have derived from this undertaking and articulate an understanding of what this means for the topic in question.

### EXAMPLES TOPICS

- LAMP vrs MEAN.
- The languages and tech that enables the MVC.
- What does the rise of Node.js mean for PHP?
- Javascript, where it came from and where its going to.

- Considerations in choosing a server side programming language.

### 1.1 MARKING OF THIS PAPER

The marking of this paper will incorporate (but not be limited to) the quality of writing, the difficulty in the question undertaken, the researching approach and your ability to articulate an understanding of the topic in a rationale and concise manner. Similarly I expect you to interact with me on a weekly basis, discuss progress - articulate and highlight issues as they arise and identify solutions to the aforementioned issues.

#### SUBMISSION DETAILS

- Your essay should be approximately 2,000 words in length. (Quality not quantity)
- There should no grammatical errors or spelling mistakes.
- I will be employing an assessmnet rubric similar to the “Research Paper Rubric” from Cornell university detailed here.
- Submissions of the final paper to be made to blackboard by Sunday the 12th of November @ 23:59