

CST8285 – Lab #1: Research on Web Design [1%]

This assignment relates to the following Course Learning Requirements:

CLR 7: Install required software applications

Objective:

The aim of this research lab is to expose you to web design related concepts and tools.

Pre-Assignment Instructions:

Big picture

Now that you have spent some time setting up your development environment, let's spend some effort in understanding some key concepts in web design ecosystem.

Assignment Tasks:

Answer the following questions via research:

Questions:

1. What is cross browser development and why is it important to render your web pages through different web browsers?
2. What is the difference between Node.js and Javascript?
3. Apart from Eclipse, can you name the top three other free IDE's that support web design languages as Javascript, PHP, CSS, SQL, HTML and elaborate on their features ?

Formatting:

Your assignment is to be submitted in MS WORD (.DOC or .DOCX) format. It should be submitted with the following guidelines:

- Maximum length of your submitted document is 1 page
- Font should be either Calibri or Arial, 11point. Text must be double spaced but the table and image text should be single spaced.
- Cite all references using APA formatting.
- You will need at least 3 references related to learning theory. However, you are encouraged to exceed the minimum requirements.

Create a **separate** reference page at the end of your document that lists all of the sources you have cited in text. Sources include software used. Also, personal communications from a professional in the field count as a reference source. For citation and referencing examples, see <https://owl.english.purdue.edu/owl/resource/560/01/>

Reminders

- Submit lab1.docx through Brightspace

N.B. If there is evidence of missing citations or references, this could constitute plagiarism and will receive a grade of '0'. The regulations of academic dishonesty will apply