**HTML Reflection**

1. **What is the difference between writing the HTML code in a text editor (such as VS Code, Sublime, Atom) and a word document?**

The main difference which I felt is that, these editors allow you to create tags easily and help you with the suggestions. But, in case of ms word there won’t be any suggestions and you should know the syntax and Indentations.

If you ask me, I would use ms word first. Even though it’s tough it would make you learn the language.

1. **What is the purpose of the first tag in the HTML document?**

The first tag in any HTML file is the HTML tag which allows the browser to know that the document is a HTML file.

1. **Which HTML tags in HTML do not have any visual appearance? What is the purpose of such tags?**
2. **Is it possible to create user-defined tags in HTML?**

No, it is not Possible to create user defined tags in HTML.

1. **Which HTML tag is the most powerful? Hint: It enables the world wide web**

**<a>** is the most powerful tag which helps you to link websites.

1. **Is there a compiler or interpreter for the HTML code? Which software package does the job of taking HTML code as input, checks the tags and generates the output?**

I don’t think HTML has any compiler or interpreter. Browsers which are generally used to open these HTML documents have a parser inbuilt in them which is similar to Interpreter.

1. **Which data structure is used to represent the HTML page in the browser?**

The Document Object Model (DOM) is a language-independent model made up of objects representing the structure of a document. HTML is one language for writing such documents. DOM is the tree model to represent HTML