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

**Ans)**

|  |  |
| --- | --- |
| **Text Editor** | **Word document** |
| Code readability is easy | Code readability is bit difficult |
| Auto code suggestions and auto indentation | No auto code suggestions, manually we have to give indentation |
| Easy to write multiple pages. All will be arranged side by side tabs. We can easily switch between multiple files | When we create multiple pages for each page it will open new word document, It is bit difficult to switch between multiple documents |

**2) What is the purpose of the first tag in the HTML document?**

**Ans)** The first tag in any HTML file is the <HTML> tag. This tells the web browser that the document is an HTML file.

**3) Which HTML tags in HTML do not have any visual appearance? What is the purpose of such tags?**

**Ans)** <meta> tag does not have any visual appearance. <meta> tag defines metadata about an HTML document. <meta> tag always go inside the < head > element, and are used to specify character set, page description,keyword and view port settings. Metadata is used by browsers to display content or reload page, search engines for keywords, and other web services.

**4) Is it possible to create user defined tags in HTML?**

**Ans)** It is not possible to create user defined tags in HTML.

**5) Which HTML tag is the most powerful?**

**Ans) <strong>** tag is the most powerful tag in HTML. This tag is used to define text with strong importance. The <strong> tag supports the Global attributes as well as Event attributes in HTML.

**6) 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?**

**Ans)** Since HTML is a markup language, there are no compilers or interpreters for the HTML code. All the modern web browsers have built in software packages, they will take the HTML code as input, check the tags and render the code and generate the output.

**7) Which data structure is used to represent the HTML page in the browser?**

**Ans)** To render a document such as a HTML page, most web browsers use an internal model similar to Document Object Model(DOM). It defines the logical structure of documents and the way a document is accessed and modified.