**Homework 10 Ankur Jain Submit to:** [**Homework@PeopleNTech.Com**](mailto:Homework@PeopleNTech.Com)

**Subject of Email: “AnkurJain\_StudentID \_First Name, Last Name – Homework 10”**

**TOPICS: Java/Selenium/JIRA/Git/GitGub/HTML/POSTMAN/SOAPUI/TestNG**

**Deadline : March 20th**

Short Paper :

Research on following topic and build 4-5 pages short paper:

1. What is HTML?
2. HTML-history
3. HTML Versions
4. HTML Editors
5. What is an HTML attribute

**1-What is HTML?**

HTML stands for HyperText Markup Language. Developed by scientist Tim Berners-Lee in 1990, HTML is the "hidden" code that helps us communicate with others on the World Wide Web (WWW).

When writing HTML, you add "tags" to the text in order to create the structure. These tags tell the browser how to display the text or graphics in the document. For example, the following document has a simple layout (structure). Notice there are three major parts: a heading, two paragraphs and a bulleted list

**2-What is the history of HTML?**

**HTML** was created by Sir Tim Berners-Lee in late 1991 but was not released officially, which was published in 1995 as **HTML** 2.0. **HTML** 4.01 was published in late 1999 and was a major version of **HTML**. **HTML** is a very evolving markup language and has evolved with various versions updating.

**3-What are the versions of HTML?**

HTML Versions
 

**4-What are HTML editors?**

There are some [WYSIWYG](https://en.wikipedia.org/wiki/WYSIWYG) editors (What You See Is What You Get), in which the user lays out everything as it is to appear in the HTML document using a [graphical user interface](https://en.wikipedia.org/wiki/Graphical_user_interface) (GUI), often similar to [word processors](https://en.wikipedia.org/wiki/Word_processor). The editor renders the document rather than show the code, so authors do not require extensive knowledge of HTML.

The WYSIWYG editing model has been criticized,[[95]](https://en.wikipedia.org/wiki/HTML#cite_note-95)[[96]](https://en.wikipedia.org/wiki/HTML#cite_note-96) primarily because of the low quality of the generated code; there are voices advocating a change to the [WYSIWYM](https://en.wikipedia.org/wiki/WYSIWYM) model (What You See Is What You Mean).

WYSIWYG editors remain a controversial topic because of their perceived flaws such as:

* Relying mainly on layout as opposed to meaning, often using markup that does not convey the intended meaning but simply copies the layout.[[97]](https://en.wikipedia.org/wiki/HTML#cite_note-97)
* Often producing extremely verbose and redundant code that fails to make use of the cascading nature of HTML and [CSS](https://en.wikipedia.org/wiki/CSS).
* Often producing ungrammatical markup, called [tag soup](https://en.wikipedia.org/wiki/Tag_soup) or semantically incorrect markup (such as <**em**> for italics).
* As a great deal of the information in HTML documents is not in the layout, the model has been criticized for its "what you see is all you get"-nature.[[98]](https://en.wikipedia.org/wiki/HTML#cite_note-98)

**5-What is a HTML attribute?**

Attributes define additional characteristics or properties of the element such as width and height of an image. Attributes are always specified in the start tag (or opening tag) and usually consists of name/value pairs like name="value". Attribute values should always be enclosed in quotation marks.

Also, some attributes are required for certain elements. For instance, an <img> tag must contain a src and alt attributes. Let's take a look at some examples of the attributes usages: