Hypertext Markup Language

- 1. Hypertext Markup Language (HTML) is the standard markup language for creating web pages and web applications.
- 2. Opening tag and a closing tag
- 3. Editor
 - a. Any normal text editor or in IDE
- 4. Execute
 - a. Open in a browser



<body>

<h1>First Planet</h1>

<h6>First Planet</h6>

</body>

_{5.} </html>

- 6. Link Gmail
- 7. Image
- 8. Comments <!--It will not be displayed→
- 9. Formatting tags
 - a. b-Bold
 - b. i-Italic
 - c. code- Computer code
 - d. sub-Subscript
 - e. sup-Superscript
 - f. <s> Strike
 - g. <u> Underlined text
 - h. Example:

<html><body> Confidence
 <big>Hardwork</big>
 <i>Preseverance</i>
 <code>Samsung CRT</code>
 This is_{subscript}
 This is^{superscript}

</body></html>

Confidence
Hardwork
Preseverance
Samsung CRT
This is subscript
This is superscript

10. Attribute

- a. Align
- b. Bgcolor
- c. Color
- 11. Style example

```
<html>
<html>
<ht style="text-align:center">NATURE</h1>
<body style="background-color:yellow">
Plant Tree
Save Our Generation
Value Our Environment
</body> </html>
```

12. Table

а

row 1, cell 1

1 < < td > < < \td > < < \td > < \td \

row1,cell1	row1,cell2
row2,cell1	row2,cell2

a.

13. Lists

- a. Ordered list item
- b. Unordered lists item

An Unordered HTML List

- Coffee
- Tea
- Milk

An Ordered HTML List

- 1. Coffee
- 2. Tea
- 3. Milk

C.

14. HTML forms

- a. HTML Forms are used to select different kinds of user input.
- b. A form is an area that can contain form elements.
- c. Form elements are elements that allow the user to enter information like,
 - i. text fields <input type="text" name="firstname" />
 - ii. textarea fields <textarea name="message" rows="10" cols="30"> </textarea>
 - iii. drop-down menus <select name="cars"> <option value="audi">Audi</option> </select>
 - iv. radio buttons
 - v. Checkboxes
 - vi. Action Attribute and the Submit Button, etc.
- d. <form action="/action page.php" method="get">
- e. GET and POST request HEAD, PUT, DELETE, OPTIONS,
- f. https://www.w3schools.com/code/tryit.asp?filename=FPMOI08WKYV3

15. Iframe

- a. With frames, you can display more than one HTML document in the same browser window.
- 16. XML https://www.w3schools.com/xml/
- 17. RSS Feed RSS is a type of web feed which allows users to access updates to online content in a standardized, computer-readable format. These feeds can, for example, allow a user to keep track of many different websites in a single news aggregator.

Assignments(8 hrs):

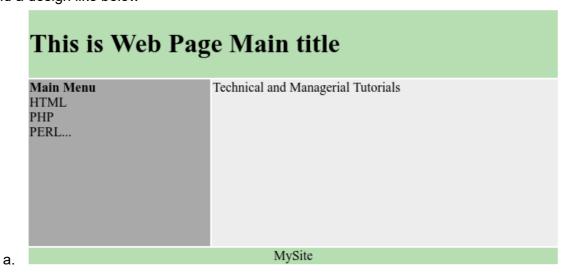
Assignment 1

- 1. Create a form to register the details of the student to a school(Include as much as detail collection fields in the form)
- 2. Build a table like below

Contact name	City	Country	Is Promoted
Maria Andres	Berlin	Germany	
Anna Trujillo	Mexico D.F.	Mexico	V
Antonio Moreno	Mexico D.F.	Mexico	
Thomas Hardy	London	UK	

3. Build a design like below

a.



Assignment 2:

- 1. Create a documentation on XML, it should contain what is XML, what are the uses.
- 2. Identify and list in a doc with all the new features introduced in HTML5.