learn

HTML

vol.1

First, solve the problem.
Then, write the code.

Points Covered

- HTML Introduction

- HTML Tags

- HTML Page Structure

- Essential Html Tags

- Basic Tags

- Tag Attributes

www.HTMLCompiler.net

HTML Introduction

- HTML stands for Hyper Text Markup Language

- A language used for describing Web pages using ordinary text.

- HTML is the code that is used to structure a web page and its content.

- Component used to design the structure of websites are called HTML tags.

HTML Introduction

- First file is index.html
It is the default name for a website's homepage

- Both are correct to extension to save html file index.htm   or index.html

HTML Tags

- Every Html file is made up of numerous HTML Tags.

- Html tags are hidden keywords within a Web page that defines format of that particular Web Browser.

- Most tags have two parts namely 'Closing Tag' and 'Opening Tag'. (Note that closing tag has the same text as the opening tag but has additional forward slash / character.

www.HTMLCompiler.net

HTML Page Structure

```
<html>

    <head>

        <title> This Is Title </title>

    </head>

    <body>

        <h1> heading </h1>
        <p> paragraph </p>

    </body>

</html>
```

Essential Html Tags

- <html> </html>
 All tags fall in between the html tags. It defines the document as Web page.

- <head> </head>
 The header contains information like title of the document that won't appear on actual page.

Essential Html Tags

- <title> </title>
 The title defines the title that will appear in the title bar of the Web browser.

- <body> </body>
The body tags contain all the visible content of the page including all images, links, etc.

Basic Tags

- Headings and Subheadings
<h1> A heading </h1>

- There are 6 levels of headings available from smallest to largest. (h1 to h6)

- Paragraphs
<p> Some text </p>

- Links
<a href = "URL"

- Image
<img src = "photo.jpg">

Tag Attributes

- Attributes helps one to customise a tag and are defined within the opening tag.
For Example - <ol type = "a">
ol stands for Ordered list and ul for Unordered List

- Attributes are often assigned a value using the equal sign, such as width = 65%

Tag Attributes

- Break Tag

 Tag is used for styling. In most cases it's preferred to use CSS and Java for Styling.

- Comment Tag
It's not visible on the actual page but remains saved in the language itself.
<!--- this is a comment --->

Tag Attributes

- Form tag- It is used for adding a special Form to the Web page.
<form>
Enter your name :
<input type = 'text'/>
<form>

- Similarly there are also other tags like <table> tags used to form a table with table row and table headings. Caption tags, Div Tags, Meta tags, etc.

Tag Attributes

- We can also link 'heads tag' to external CSS easily.

- You can prefer other 'Sublime Text' or 'Atom Editor' to make Coding in Html a fun rather than using Notepad for Coding.

"Any fool can write code that a computer can understand. Good programmers write code that humans can understand."

www.HTMLCompiler.net