HTML (Hyper text markup language)

Tag : Any piece of code that is written between open and closed angular braces we call that as a tag . and for every tag we have an opening tag and a closing tag.

Tag

* <abc>

Open Tag

* <abc>

Closed Tag

* </abc> ( it just contain backslash in addition to open tag )

Element

* <abc>… asdfghjkl…</abc> ( from opening to the closing tag including the content we

call it as an element )

**Paired Tags**

Paired tags in Html are those tags that have both opening tags and closing tags. Paired tags start with an opening tag followed by some content and end with a closing tag.

Eg: <abc>…asdase…</abc>

##### ****Unpaired Tags****

Unpaired tags in Html are those tags that have only an opening tag and do not have a closing tag.For unpaired tags an opening tag is sufficient,they do not require a closing tag. These tags are also known as empty tags.

Eg: <br>: br stands for a break; it is used to add line breaks in the document.

##### ****Self-Closing Tags****

Self-closing tags in Html are those tags that do not require closing tags. In the self-closing tag, the opening tag is the only important tag required for formatting. The input tag, image tag are classic examples of self-closing tags

<img src="1.png" alt="This is an image"/>

<input type="text" placeholder="Name" />

// go through these in the further concepts.

Markup language

Any language which is using some tags to represent the content is called as markup language.

In Html there are many predefined tags

some of the examples are

html

head

title

p

i

b

div

span

pre

…

.

Basic structure of html

<html>

<head>

<title>…</title>

</head>

<body>

</body>

</html>

1. All the content that you are adding in the webpage should be starting with html and closed with html as above
2. And every webpage is having 2 parts one is head and the other one is body
3. Under the head tag we will be having a predefined tag called as title tag , title tag defines the title of the document . the title must be text only , and it is shown in browser title or in the page tab
4. The <body> tag defines documents body , the <body> element contains all the contents of the html document such as headings, paragraphs, images , hyperlinks , tables , lists.

Follow camel case to name the file name

means first letter starts with lower case , following with upper letters in the sub words. Eg: myFirstWebPage.html

note : don’t use spaces while naming the file because it will show some special characters where spaces are present in the file path when .html file is opened with browser .

Save with .html extension ,

you can save with .htm also this is used in micro frontend UI

Here we do not write a piece of code from head to tail . instead we create individual blocks

Example : let us take amazon web application . search bar is a template , results bar is a template like this we have different sections , individual developers will be working on it and

They combine all the templates to form a single webpage to from the master page

If individual templates it is recommended to use .htm extension.

The reason that we save the file with extension is to make the corresponding software to understand that this is the file for you .

Give the file name in camel case // industry recommended.

It always starts with a lower case following with upper case with the subwords

Example : helloHowAreYou