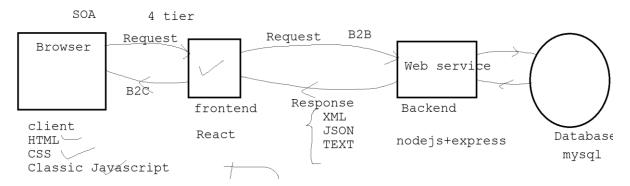
Types of applications

- 1. desktop applications \rightarrow single user applications
- 2. Web Applications \rightarrow 3 tier applications,
 - a. any application which uses data converts it into presentable format, using HTML and CSS is called as web application
- 3. Web service → It is a application which returns the data in the form of JSON(Javascript Object Notation) or XML(extensible Markup Language) or TEXT



HTML (Hypertext Markup Language)

The pages we design in HTML are of 2 types

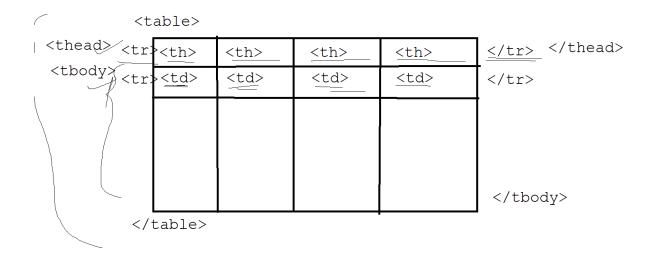
- Static web page-→ the page which always shows the same output on all clients machine.
- 2. Dynamic we page- \rightarrow based on users i/p the look and feel of the page changes or data on the page changes is called as dynamic web pages.

file:///D:/Web%20programming/Acts%20march24/hello.html

http://127.0.0.1:5500/hello.html

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autoclosable tags	tags in which writing end tags is not mandatory, the next occurrence of the tag will autoclose the previous tag	 <
empty tags	the tag in which there are no contents inbetween begin and end tag, the it is called as empty tag	, <input/> <-→
symantic tags		



FORM

action	url to which you want to submit the data	
method	od get- after submitting the form data will be transferred to the server via query string, and data will be visible to the user	
	This method should not be used if the data is sensitive, or data is huge	
	In get method the body of request object will be empty	
	post> after submitting the form data will be transferred to the server via	
	request object's body, data will not be visible to the user.	
	when the data is sensitive or huge always use post method	

<input type="text">

name	it is used as a key for transferring the data to server
id	It is used to uniquely identify the element, usually used in javascript and CSS
required	The field is mandatory, cannot be empty
pattern	we may specify regular expression to match the data
autofocus	as soon as page gets loaded the cursor will be focused in the html element
minlength	minimum number of characters to be entered in the text box
maxlength	maximum number of characters to be entered in the text box

submit	If you click the button of submit type, then the data will be send to the server, and the page will be refreshed
reset	It will clear the form
button	It will provide the click action, and the control will remain on the same page