## Huese DOM + MODERNI TSING

the reduce medical does not chaber the

Window

A window represents an open window in

It is a grobal object.

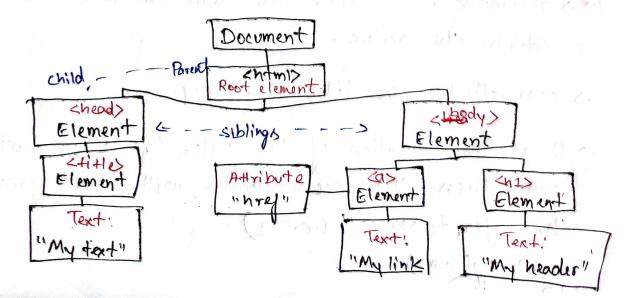
It is created by the browser Window.

Dom som : Js core - 2 02

DOM (Document Object Model)

When a webpage is loaded, the browser creates a DOM of the page.

HTML DOM is a tree like structure



The HTML DOM Documents, 1990 1990	
The Document Object 10013 JANTHA 100) Company	
The downent object is the root node of the HTML downent	
The document object is a property of the	
> The document object is accessed with:	
Window. document or just document	
Converting the whole HTML coole into the	٩
Is object is called Document and this Model is known as Dom.	
this Modelinis eknown as Domicion	
Rendering of Dom southern states so	
characters > tags > tokens > nodes	
Dom	

\* DOM Methods (to access elements)
(Making Changes in HTML using TS

HTML DOM methods are actions you can perform (on HTML elements)

\* The get Element By I Ed. Method

The most common way to access an HTML element is to use the id of the element Ex-, get Element By Idl' heading!)

document.get Element By Id ('content');

- -) It is called on document object.
- > It returns a single object because it works on ID and its unique.
- The get Elements By Class Name Methods

This method of document interface returns on array-like object of all elements which have all the given class names.

NOTE - Array-like object is not an array.

Ex - document get Elements By Class Name ("test");

\* The get Element By Tag Name Method is similar to the previous method. H ( also uses document object → II ← -> It also returns multiple lines. list returned is not an array. -> The can interacte on that list by using for loop. can got or set the HATML econtent esthin ethe clement \$0 returns the most recently selected element or JavaScript object, \$1 returns the second most recently selected one and so on the The query Selector Method NOTE: Use query selector An to get the multiple objects to This method returns the first element within the document that matches the

This method returns the first element within the document that matches the Specified selector, or group of selector.

If no match is fundound then null is returned.

EX - query Selector ('#header') -> It is a ID

query Selector ('. header') -> It is a class

query Selector ('header') -> It is a tag

\* Update Existing Content · los por mortime of volimize di \* outer HTMET SMEDON 2320 odie \* . . text-Contention worder och 4I / . provito innentent de bonnotar tell 3M / Therettall to the store of 060 -> It can get or set the HM HTML content within the element modescendentsumber 12 to to to to to the total to -> It can set an element's HTML content -\* outer HTML significant in the for morals appear of the The outertIML attribute of the element DOM interface gets the serialized HTML fragment describing the element including · fearmatan \* text Content no 2 - ( showing stools 2 year of -X3 sents in a Al College ( rolling ) Without 27 yer

por o xi ti c- ('relocat') retasto zamont

The text-Content property sets or returns the text content of the specified node, and all its descendents.

Innerted us Textcontent

behodes and two two text to asso MI

In innerted if there ad is 11 or togethinside

or tog then it will be rendered but

in case of text Content it will be

in case of text Content it will be

treated as the normal text.

Ex 12p> or or order and gail and fill a

- => In case of innertext the 'SWE' will be bold. SWE will be
- =) In case of textContent <b> will be printed as it is without bolding the SWE?<br/>
  Lb> SWE <16>>

\* innerText

It is similar to textContent with some

· + notion ons

Exi-coseps on when phraging tracked liveto sil 1100 loun 1 41211 - 121/25127 201/11 Ldieplay: hidden> - (>)

- Anstronias 2v Justinovii => In case of text content the selected part will be printed. Him A rolling port
- =) But if we use innertext the selected part will be printed except the display: hidden line.
- => If the display: hidden property is used then it will not appear when we use inner Text.

Visual Representation 10 2000 MZ order and the colon - Inner Text taction tent <div id="A"> Text dive> </div>

\* Adding new content lelement

To add a content we need to first create the content.

.createElement() This method creates the HTML element specified by tograme. Syntax lookloom wolfd be see mit-lead create Element (tag Name)
() SMTH to any batrows. => mappent Child() ballos od of acri To add the content we use the INITH i) location | position append (hild(). -> It puts the content at the cast position the element ensities of the orn DONT \* Creating a Text Mode let newPara = document create Element ('p'); 2 let textPara = document.createTextNode ('Hello jee'); new Para. appent Child (text Para); F content appendichild (Anew Para); CP> 4P3/1/10/Jonoggn. CP> Hellogies 4P> 1let myPara = document. create Flement ('pi) my Para, textcontent = 1 Hello jee!; content. append Child (my Para);

From the above tag we can of only add siblings at the last position only. To add the sibling of the specified position we use below method. \* insert Adjacent HTMW It has to be called with 2 arguements 1) location | position -> where ii) HTML text (content -> what here textures all strong There are 4 positions trime list: 21th \* ofterbegin - Cdivo. \* offerent \* Deleting an Element 1 Content > · remove Child () -> It is opposite of appendichilde -> We must know its parent element. We must know the child element which we are removing.

Syntax parent remove Child (c Element); . okullister Deleting a child element without knowing is imparent a element. In his prints of Here, Parent = child Element. parent child-parent-remove (child); ME to seminarion 223 outs surface AT Making changes in CSS using TS oryle > you can make single change only · CSSText . setAttribute you can make multiple changes · classMame \* clouslast of who has of - Olaha o win ovarior of - ( ) ovarior Lx let content = \$0; content.style.color = 'red'; > content. ess Text = 'color; red, jont-size: enem; 1; > content. setAttribute ["style", "color: red; background-. ton you trospy color: white; ");

\* . clarsName

- > It sets or returns and elements class attribute.
- -> It returns all the class names as a string and to make change you'll have to convert it into an array

child. pan orther emous (child);

g. 1011/2,115.

\* · classlist

- -> It returns the CSS classnames of an element. prior 22) ni aprior prido t
  - > It returns in the array format of 'object type.

Featurisme adam nos nos studiales.

- to add an class

remove() - to remove an class

toggker) - if class is present then it will delete it if not present then it will odd it.

contains() - to check whether a class class is present or not.

It returns True or false.