C99- Basics -I HTML -> What is on sulpage. 5 Description of mebpage -> Skeleton of webpage CSS -> Thow content will appear? 4 styling of mebsite L's formatting of medsite C55 stands of for Cascading Style Sheets Selectors in CSS? Is is a may using which we can select an element. There are three type of selectors: Multiple selector Simple sdetor Pseudo-class selectors element class ID
selectors
a 5 3 Property value Element Selector: C55 can select HTML elements by using an elements tag name. A tag name is the word (or character) setween HTML angle brackets. It is also called type selector or tag selector.

Class selector: 4 COS is not limited to selecting elements by tag name. HTML elements can have more than just a tug name; they can also have attribute. One common cattribute is the class cattribute. Its also possible to select can element by its class attribute. Li To select an HTML element by its class using CSS, ce period (.) must be prepended to the class's name. · green ? color: green; ID selector: 4) For situations where you need more specificity in styling, you may also select elements for CSS using an id attribute. You can have different ids associated with a class Crath Calthough ca class is not required). Ly The rid cattribute can be cadded to can element, calong with a class cattribute. On the CSS side, the delineation us made by, using # to represent can id, the same cuay (.) is used for cclass. Pseudo - class selector :-A CSS pseudo-class is a keyword iadded to ca selector that specifies a special state of the selected G For example houses can be used to change a button's color when the user's pointers hours over it. button: hovers color: yellow;

Multiple Selector/ Grouping selector 10 We can select multiple I+TML elements in the same . C 95 rule by separating them with commas. 3 table, to, td border: 1 px solid black; Universal selector:-4. The CSS universal selector (\*) matches element of any Ly This is useful when dealing with documents containing imultiple namespace.

Ly It will allo capply to call him elements. margin: 0;
padding: 0; Attribute selector: The CSS cattribute selector matches elements based on the presence or value of a given cittibate. input Ltype='text'] \$ border: 2 pa solid black; Wested element selector:-Just like in HTML where you can have elements mested inside elements, the same can be done is CS. #tuble 1 > to > #th4 § Color: red;

There are three mays to add styling: I] inline 2] internal 3) eclemal I Inline CSS:-To style an HTML element, you can add the style attribute directly to the opening tag <div class="main" style="font-size : 150 poc;"> Inline style should be audided act all costs because they make it impossible to calter styles from in external stylesheet. 2) Internal CGS :-Inhie styles are a fast may of styling, but they also have dimitation. If we want all heading size 72 por but in inline CSS you have to write same code in every heading tag H1. But in internal CSS you can add CSS in style tag under head element. rotyle> H15
font-oize: 72 px; </ri>
(/style)

3 External CSS When HTML & CSS code are in separate. files, the file must be linked. you can use the (link > element to link +17MZ & COS files together. The (1:nbx) element must be placed within the head of the HTML file. </pr Specificity & Because elements can have multiple CGG selector, there is a hierarchy for the weight given to each type of selector. Inline CGS Class, pse edo-classes, attribute selector Element, pseudo-elements Book Model in Cas. The box model is block of CSS. Content Every elemention a page sis as rectangular box and may Ireight have widht, height, Radding, bordon

Content: The content of the fox, where text simages cappear. padding: clears an corea saround the content. The padding is transparent. border: A border that goes wound the padding & content. morgin is transporent. Colors in C55 can be specified by the following method 4) Decadecimal colors L) ROB colors L's Predefined / cross browser color name Lo RGBA colors 4) HSLA colors 4) HSL colors 4) Descadecimal colors: cel hexadecimal color is specified with #RRG16188, where the RR (red), 6161 (green) & BB (blue) hocaderimal integer specify the components of the color. All values must be between 00 & FF. For example # 0000ff = Blue red & green = 0
# Rhorbish Reve red & green = 0

& blue is ff which is heighest. which has the following syntax of (100,47,7) 4 RGB volors: Each parameter (red, green, blue) define the intensity of the coolor and can be can integer between 0 and 255 or a persentage radiue (from 0% to 100%)

La Poredefined/Cross-browser volor name:-240 color names core predefined in the HTML & CSS color specification. LI ROBA colors: RGIBA volor rules we an extension of RGIB volore water with calpha vchannel-which specifies the apacity for a color. An ROBA color make is specified with: ogba (sed, green, blue, alpha) The calpha parameter is a number between 0.00 fully trunsparent) and 1.0 (fully opaque). for example & gba (255,0,0,0.8); Ly HSL replace: HGL stands for Hue, Saturation & Lightness. hol (hue, Scituration, lightness). 1. Hue is a degree on the color wheel (from 0 to · ( Cor 360) is red o 120 is green · 240 is blue 2. Saturation is a percentage malue: 100% p is the full color. 3. Lightness is ralso a percentage; o: is dark Colack ) & 100% is white. for occumple ho! (0, 200%, 50%); LIHSLA volor: HSLA color realus were en extension of HSL rector reduce with calph channel-which specifies the spacity for color hola (hus saturation, lightness, ulpha) The alph parameter is number between 0.0(fully for transparent) & 1.0 (fully apaque.) porocample hola (0, 200%, 30%, 0.3);

Front in C55: Front selection is Important. - T The right part can wreate a strong identity for your brand Using a font that easy to read is important. 6 Font-family :-(E In CSS there were fine generic fort families. 1. Serif 2. Sans-serif 3. Monosperce 4. Cursine 5. Funtasy ca font jamily is a set of fonts that have a common design. Front - weight The font-weight cas property st sets the weight (or boldness) of to font. Font-style: The pant-style GGS property st sets wheather a fant should be styled with a normal italic, or oblique face from its jont-family Slow to radd External font? @ font-face & font-family: my First Font; orc: vol (sans ation-light. woff);

Units in CSS

1. colboolate unit: mm, cm, in, poc = \$\frac{1}{3}\$ inch

2. Percentage unit: div\(\pi\)width: 10", \$\frac{1}{3}\$ 10"/ of povent dia

3. Relative unit

L> Relative to font size \(\pi\) em = Related to povent element

L> Related to Decument

L> VW => \$\frac{1}{100}\$ \x width of viewport

L> Vh => \$\frac{1}{100}\$ \x height of viewport