CSS Introduction

What is case?

- * CSS stands for cascading Style sheets
- * CSS describes how HTML elements are to be displayed on screen.
- * It can control layout of multiple pages all at ones.
- * External cityle sheets are stored in ces files.

Why use CSS ?

It is used to define styles of your web pages, including the design, layout and variations in display for different devices and screen sizes.

CSS Syntax

A cas rule consists of a selector and a declaration block.

h1 & color: blue;3
selector property value

Selectors in CSS

A CSS selector selects the HTML elementus
you want to style.

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at ones.

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- 1- Simple Selectory work admost 22) &
 - 1. Element Selector mones no logisto
- the replay classus delector unpol tomos mos to
 - 3. ID Selector
 - 2. Psuedo-clars Selector
 - 3. Multiple Selector

Element | Selector miles at local of the

CSS element selector selects HTML elements based on the element name.

Ex- P &

text-align: center; xotry 2 22)

color: red;

loss yestsales p jo stalanes store 22 7

Class Selector

The class selector selects HTML elements with a specific class attribute.

To select elements with a specific class, write a period(.) character, followed by the class name.

Ex center of color: red; trample up slyte to

ID Selector Statumo lano latiative style of

- => The ID selector uses the id attribute of an HTML elements to select a specific element.
- => The id of an element is unique within a bage, so the id selector is used to select one unique element!
- => To select an element with a specific id, write a hash (#) character, followed by the id of the element.

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elosise suit color wed; to site of the the total

Psuedo-classes Selector

A pseudo-class is a keyword added to a selector that specifies a special state of the selected element(s).

For example:

* Style an element when a user hovers
the cursor over it.

* Style visited and unvisided trinks I differently.

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tosles of property: value; bi soft or appeal

Multiple Selector | Grouping Selector

A grouping selector selects all the HTML
elements with the same style definitions.

- =) It will be better to group the selectors, to minimize the coole.
- => To group selectors, seperate each selector with a 4) comma.

Ex h1, h2, p& de la la constant de la color; red;

Exploration Time (HW)

- * Universal Selector
- * Nested Selector
- * Attribute Selector

Universal Selector

The universal selector (*) selects all HTML elements on the page.

color: red;

y

Color: red;

prilyte lobs of cold

Mested Selector

Just like in HTML where you can have elements nested inside other elements, the same can be done in css.

22.) miller

Syntax

class1_sele class2_sele id_sele & property: value; Ex table to th (\$14) smit noithroid x3 background -color: rediso hosesvint * Newtool Schools * Attribute Selector Attribute Selector The Eattributes selector is used to select elements with a specified attribute. The universal selector (*) selects all a [target] elements on the page. background-color: yellow; How to add styling in HTML? rotoples botes 19 * Inline CSS JUST LIKE IN HIML * Internal CSS object bottom strongle * External CSS Same can be done in Inline CSS

- => To style an HTML element, you can add the style attribute directly to the opening tag.
 - >> To use inline styles, add the style attribute to the relevent empelement.
 - Inline styles should be avoided at all costs because it makes it impossible to after styles from an external stylesheet.

Ex I am Rishabh. Internal CSS / Style Tag

An internal style sheet may be used y one single HTML page has a unique style.

HTML allows us to write CSS code inside the estyle> element, inside the head section.

Specificity Hierarchy

</style> </ri> principle of phospile directly to the opening

External CSS

- => When the HTML & CSS code are in seperate files, the must be linked.
- => You can use the <link> element to link HTML and CSS files together. The Llink> element must be placed within the head of the HTML file.

Ex Clink rel= "stylesheet" href="style.css"> pot alyto 1 220 lomotrit

Specificity

If there are two or more CSS rules that point to the same element, the selector with highest specificity value will "win", and its style declaration will be applied to that HTML element.

Specificity Hierarchy

Every css selector has its place in the specificity hierarchy.

There are four cortegories which define the specifity level of a selector:

- * Inline styles
- * IDS
- * classes, pseudo-classes, attribute selectors
- * Elements and pseudo-elements

l'important Rule

- => The important rule in CSS is used to add
 more importance to a property I value than
 normal.
 - => If you use the important rule, it will override all previous styling tag rules.
- =) It is good to know about the important rule. However, do not use it unless you absolutely have to.

Ex p & color: red !important;