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Syntax and Selectors in CSS

Syntax and Selectors in CSS

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Importance of CSS

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- HTML is the fundamental structure of every web page, but it is unattractive without any color/text/structure differentiation.

- *CSS* can be used to style the HTML content on a web page.

- Modifying colors, font types, font sizes, images, element positioning, and more can be done with help of CSS.
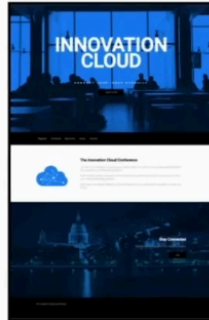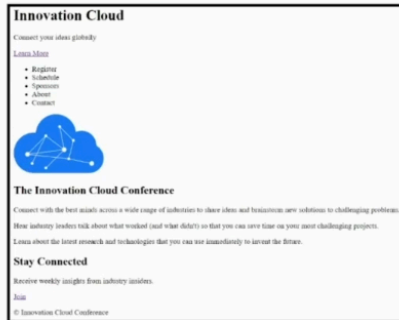
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Importance of CSS

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Web page with and without CSS:

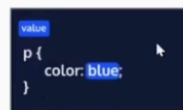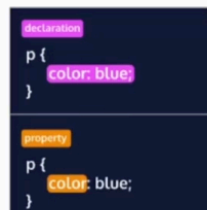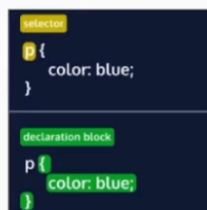| Importance of CSS | CSS Syntax | CSS Selectors | Measurement Units |

CSS Syntax

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- There are three ways to include styles in CSS.

  - Inline CSS.

  - Internal CSS.

  - External CSS.

- The syntax will be the same for internal and external CSS.

- But it will be different for Inline CSS.

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CSS Syntax - Internal / External CSS

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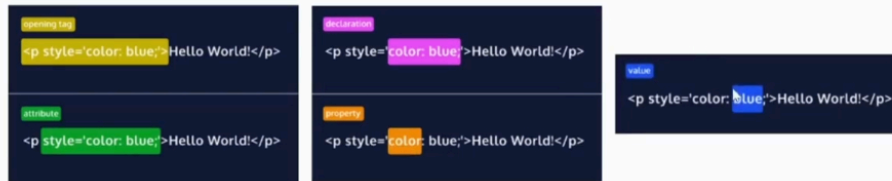
In the internal/ external CSS styles can be applied to HTML elements/ id of the elements/ class of the elements.

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CSS Syntax - Inline CSS

In the inline CSS the styles will be applied to the elements along the open tag of the element with help of the style attribute.

opening tag
`<p style='color: blue;'>Hello World!</p>`

attribute
`<p style='color: blue;'>Hello World!</p>`

declaration
`<p style='color: blue;'>Hello World!</p>`

property
`<p style='color: blue;'>Hello World!</p>`

value
`<p style='color: blue;'>Hello World!</p>`

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CSS Syntax

- Internal styles can be used to style HTML but are also not best practice.

- An external stylesheet separates CSS code from HTML, by using the ".css".file extension.

- External stylesheets are the best approach when it comes to using HTML and CSS.

- External stylesheets are linked to HTML using the <link> element.

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