CSS Selectors & Styling

1. What is a CSS selector? Provide examples of element, class, and ID selectors.

CSS selectors are used to find the HTML elements you want to style.

Example-

Id:

#para1 {  
  text-align: center;  
  color: red;  
}

Class:

.para1 {  
  text-align: center;  
  color: red;  
}

1. What is the difference between internal, external, and inline CSS? Discuss the advantages and disadvantages of each approach.
   * Inline CSS is used for quick and specific styling
   * internal CSS is used for multiple elements within the same HTML document.
   * external CSS is used for a more organized and scalable approach to styling, allowing for reusability and maintainability.

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| **Inline CSS** | **Internal CSS** | |  | | --- | | **External CSS** | |  | |
| It is used within HTML tag using the style attribute. | It is used within <head> section of HTML document. | It is used in a separate .css file. |
| Affects a single element or a group of elements. | Affects multiple elements within the same HTML element. | Affects multiple HTML documents or an entire website. |
| Not reusable. Styles need to be repeated for each element. | Can be reused on multiple elements within the same HTML document. | Can be reused on multiple HTML documents or an entire website. |
| Highest priority. Overrides internal and external styles. | Medium priority. Overrides external styles but can be overridden by inline styles. | Lowest priority. Can be overridden by both inline and internal styles. |