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WEBTECH

1. Differentiate the following CSS selectors (20 pts)

a. Combining selectors

b. Class and ID selectors

c. Pseudo-classes

CSS class applies a style to multiple elements. On the other hand, ID applies a style to one unique element. You can also use a special URL to link directly to an element and it's used by JavaScript. The difference between ID and a class is that an ID can be used to identify one element while a class can be used to identify more than one. Combinator explains the relationship between the selectors and between the selectors we can include a combinator. However, selectors are used to target a specific element or range of elements on a web page it can also be a simple or a complex selector consisting of more than one selector connected using combinators. A Pseudo-classes is used to define a special state of an element they tend to act as if you had applied a class to some part of your document, often helping you cut down on excess classes in your markup, and giving you more flexible and maintainable code. The difference of Pseudo class and combinator is that Pseudo-class can target elements that cant be targeted with combinators or simple selectors like ID or class

2. Differentiate the following hyperlinks styling attributes (20pts)

a. a:hover

b. a:active

c. a:visited

d. a:link

Link is a connection from one web page to another web pages. You can style the link in various different ways using CSS. a:link selector is used to select unvisited links while :visited selector is used to select visited links on the other hand :hover is a link when the user mouses over it and :active is a link the moment it is clicked. We can use the :visited selector to style links to visited pages and :hover selector to style links when you mouse over them and the :active selector to style links when you click them.