

Assignment - 11

Answer - 1 : We used css selector so that we style a particular element like div , navbar etc. To make attractive websites, we should style every element in a different design. So that we get good user experience. Example : We have two divs (div1 and div2). If we want div1's background blue and div2's background red. By using a css selector , we do it easily.

Answer - 2 : There are five categories of selector.

1. Simple selectors.
2. Combinators.
3. Attribute selectors.
4. Pseudo-class selectors.
5. Pseudo-elements selectors.

But we use mostly simple selector. And there are also five types of simple selector.

- 1. Universal Selector :** Universal selector selects all elements at a single time and styles the same design. It is denoted by asterisk(*) symbol.
- 2. Element Selector :** Element selector selected by the tag name and styled all particular elements of the webpage.
- 3. Class Selector :** The CSS class selector is the most useful and used selector, it selects all elements that have given the class value in their class attribute. To select elements with a specific class, we used a period (.) character, followed by the name of the class in tags.
- 4. ID Selector :** ID selectors are the most powerful in terms of CSS specificity, just like the class selector, it targets specific elements in our HTML document that we can then use as a reference in our CSS. To select an element with a specific id, write a hash (#) character, followed by the id of the element.
- 5. Selector List :** The CSS selector list (,) allows us to select multiple elements with different selectors at once and style them. We have more than one thing which uses the same CSS then the individual selectors can be combined into a

selector list so that the rule is applied to all of the individual selectors. This is done by grouping them in a comma-separated list and CSS selects all the matching elements in the list.

Answer-3 : We can add external fonts to make an attractive webpage.

Step 1: Goto google and browse the Google Fonts library

Step 2: Select the fonts and customize the styles.

Step 3: Copy the CDN links and paste in our webpage between head tags. Example:

```
<link rel="preconnect"
href="https://fonts.googleapis.com">
<link rel="preconnect"
href="https://fonts.gstatic.com" crossorigin>
<link
href="https://fonts.googleapis.com/css2?family=
Poppins:ital,wght@0,300;1,300&display=swap"
rel="stylesheet">
```

Step 4: Use the fonts in our CSS in the selector declaration box. Example:

```
Selector_name{ font-family:'Poppins', sans-serif; }
```