

Starting with CSS

Assignment

Assignment Answer Sheet

1. Why CSS selectors are used in HTML

Ans:- CSS selectors are used in HTML to target and apply styles to specific elements. They help in defining which HTML elements should be affected by the CSS rules, allowing for precise and efficient styling of web pages.

2. What are the different types of Selectors in CSS

Ans:- Here are the different types of CSS selectors:

1. Universal Selector (*****): Targets all elements on a page.
2. Type Selector (e.g., **p**): Targets all elements of a specific type (e.g., all **<p>** tags).
3. Class Selector (**.classname**): Targets elements with

a specific class attribute.

4. ID Selector (**#idname**): Targets a single element with a specific ID attribute.

5. Attribute Selector (**[attr=value]**): Targets elements with a specific attribute and value.

6. Pseudo-class Selector (**:hover**): Targets elements in a specific state (e.g., on hover).

7. Pseudo-element Selector (**::before**): Targets a specific part of an element (e.g., before content).

8. Combinator Selectors:

- Descendant Selector (**ancestor descendant**): Targets elements that are descendants of a specified element.
- Child Selector (**parent > child**): Targets elements that are direct children of a specified element.
- Adjacent Sibling Selector (**element + sibling**): Targets elements that are immediately after a specified element.
- General Sibling Selector (**element ~ siblings**): Targets all siblings after a specified element.

These selectors allow for flexible and specific styling in

web development.

3.How do you include external fonts and apply them?

Ans:- To include and apply external fonts in CSS:

1. Include the Font: Use the **@font-face** rule or link to an external font service like Google Fonts.

Using **@font-face**:

Code

```
@font-face {  
    font-family: 'MyFont';  
    src: url('myfont.woff2') format('woff2'),  
         url('myfont.woff') format('woff');  
}
```

Using Google Fonts:

Code

```
<link  
href="https://fonts.googleapis.com/css2?family=R  
oboto&display=swap" rel="stylesheet">
```

Apply the Font: Use the **font-family** property in your CSS to apply the font to elements.

Code

```
body {  
    font-family: 'MyFont', sans-serif;  
}
```

This will apply the external font to the specified elements in your HTML.