NIELIT Gorakhpur

Course Name: O Level (1st Sem)

<u>Topic: CSS [PART 02]</u> <u>Date: 21-05-20</u>

Subject: WDP

<u>CSS Selectors</u>: A CSS Selector is a particular logical element that tells what element is to be selected for styling. Normally we stylize a TAG since CSS on TAGs are very common and quite easy to write. However a CSS selector will not always be a TAG; it can be-

- **1**. A TAG
- 2. A CLASS
- 3. An ID as well.
- 1. TAGs as Selector: A TAG is very simple to stylize. The name of tag is written simply and the style written for this applies to all the similar TAGs in the file.

<u>For ex. -</u> All elements can be stylized using the CSS of TAG $\underline{\mathbf{p}}$. <u>Syntax:</u>

```
<head>
 <style>
   р
    color:red;
    background-color:green;
    text-align:left;
                                       The style
</style>
                                       applies to
</head>
                                       All the
                                       paragraphs
  . . . 
 . . . 
  . . . 
</body>
```

2. CSS Class: A CSS class is a kind of identifier for a group of similar tags or elements.

<u>For ex. -</u> Many elements can be given a common class <u>parastyle1</u> thereby enabling all those paragraphs to be stylized using the CSS of class <u>parastyle1</u>.

<u>Syntax:</u>

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```
<head>
 <style>
   .parastyle1
    color:red;
    background-color:green;
    text-align:justify;
                                         Class
 </style>
                                         .parastyle1
</head>
                                         applies to
                                         Both the
<body>
                                         paragraphs
  . . 
 . . . 
  . . . 
</body>
```

3. CSS ID: A CSS ID is a kind of identifier for a particular tag or element.

<u>For ex. –</u> A certain element can be given a particular ID <u>parastyle1</u> thereby enabling that only paragraph to be stylized using the CSS of ID <u>parastyle1</u>.

<u>Syntax:</u>

```
<head>
 <style>
   #parastyle1
     color:red;
                                            ID #parastyle1
     background-color:green;
                                            applies to
     text-align:left;
                                            The upper
                                            paragraph
   #parastyle2
     color: green;
                                               ID #parastyle2
     background-color:red;
                                               applies to
     text-align:right;
                                               The lower
                                               paragraph
 </style>
</head>
<body>
  . . . 
 . . . 
  . . .
```

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NOTE: While writing a style, classes are written with a dot (.) whereas IDs are written with a hash (#).

Assignment:

- **1.** What is a CSS selector? How many selectors are therein CSS?
- 2. What is the difference between a Class and an ID?