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Roll No:- 37

Class :- D11AD

Experiment 2

Aim :- To create a html page with css attributes using Colour, Background, Fonts, Tables, lists, CSS3 selectors, Pseudo classes, Pseudo elements .

Theory :- Cascading Style Sheets (CSS) is a stylesheet language used to describe the presentation of a document written in HTML CSS (Cascading Style Sheets) is used to style and layout web pages — for example, to alter the font, colour, size, and spacing of your content, split it into multiple columns, or add animations and other decorative features

Fonts :- Fonts: Using this we add different fonts to our web page according to our requirement

or basically for beautification purpose.

There are 5 generic font families:

1. Serif
2. Sans-serif
3. Monospace
4. Cursive
5. Fantasy

Syntax :- .p1 {
font-family: "Times New Roman", Times, serif;
}

Lists :- In HTML, there are two main types of lists:

- unordered lists () - the list items are marked with bullets
- ordered lists () - the list items are marked with numbers or letters

The CSS list properties allow you to:

- Set different list item markers for ordered lists
- Set different list item markers for unordered lists
- Set an image as the list item marker
- Add background colors to lists and list items

The list-style-type property specifies the type of list item marker.

Syntax :-
ul.b {
list-style-type: square;
}

Pseudo Class :- A pseudo-class is used to define a special state of an element.

For example, it can be used to:

- Style an element when a user mouses over it
- Style visited and unvisited links differently
- Style an element when it gets focus

The syntax of pseudo-classes:

```
selector:pseudo-class {  
  
    property: value;  
  
}
```

Color :- Colors are specified using predefined color names, or RGB, HEX, HSL, RGBA, HSLA values. You can set the background color for HTML elements:

Syntax :- <h1 style="background-color:DodgerBlue;">Hello World</h1>

<p style="background-color:Tomato;">Lorem ipsum...</p>

Code :-

```
D: > # 37css.css > table
1  body {
2      background-color: #41b3a3;
3  }
4
5  h1 {
6      color: #4c00e6;
7      margin-left: 50px;
8      font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
9  }
10 h3 {
11     color: #4c00e6;
12     margin-left: 50px;
13 }
14 img {
15     width: 270px;
16     border: 6px solid black;
17     box-shadow: 5px 5px 5px red;
18     padding: 10px;
19 }
20 table, th, td {
21     border: 1px solid;
22     width: 40%;
23     background-color: green;
24     border-color: #4c00e6;
25     line-break: 50px;
26     font-style: italic, bold;
27     text-align: center;
28 }
29 ol {
30     margin: 20;
31     padding: 10;
32     color: #4c00e6;
33     background-color: blanchedalmond;
34 }
```

Input Code (css) :-

```
body {
    background-color:#41b3a3;
}

h1 {
    color: #4c00e6;
    margin-left: 50px;
    font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
}

h3 {
    color: #4c00e6;
    margin-left: 50px;
}

img {
    width: 270px;
    border: 6px solid black;
    box-shadow: 5px 5px 5px red;
    padding: 10px;
}

table, th, td {
    border: 1px solid;
    width: 40%;
    background-color: green;
    border-color: #4c00e6;
    line-break: 50px;
    font-style: italic, bold;
    text-align: center;
}

ol {
    margin: 20;
    padding: 10;
    color: #4c00e6;
    background-color:blanchedalmond;
}

a:hover {
    color: yellow;
}

*
{
    left: 0;
    ;
    right: 0;
    box-sizing: border-box;
```

```

font-family: 'Poppins', sans-serif;
}
p{
font-size: 25px;
}
p::first-letter{
font-size: 75px;
}
::selection
{
color: yellow;
}

```

Output :-

AIM:- To create a html webpage containing html elements like head, body (along with some formatting), paragraph, also include image, video, hyperlink, and table of your choice

[Click for a purpose](#)

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Name	Roll No.	Location
Manav	37	Delhi
Arjun	38	Delhi
Ravi	39	Delhi
Adarsh	40	Delhi
Aditya	41	Delhi

1. Coffee
2. Tea
3. Cold Coffee
4. Lassi

