FSD ASSIGNMENT - 1

Exercise 1: Basic HTML5 Structure

Objective: Understand the basic structure of an HTML5 document.

Task:

Create a webpage with the following:

● A title "My First HTML Page"

● A heading (<h1>) with your name

● A paragraph (<p>) describing your hobbies

● A horizontal line and a line break

Code :-
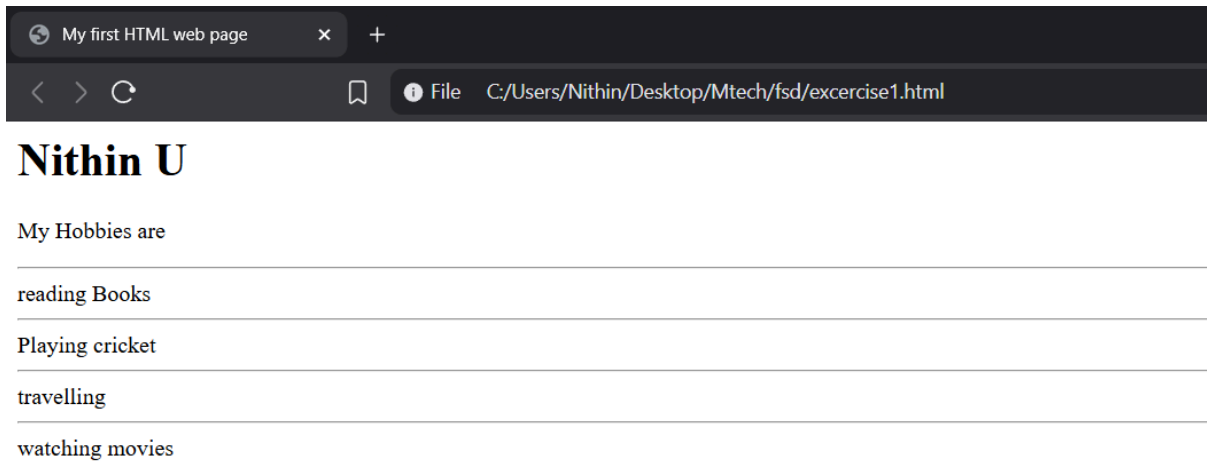
```
<title>My first HTML web page </title>
<h1>Nithin U</h1>
<p>My Hobbies are <br>
    <hr>
    reading Books

    <hr>
    Playing cricket
    <hr>
    travelling
    <hr>
    watching movies
    <hr>

</p>
```

Output :-

Exercise 2: Use of Lists and Links

Objective: Practice using different list types and hyperlinks.

Task:

Create a page that includes:

- An unordered list of your favorite fruits
- An ordered list of top 3 movies
- A hyperlink to your favorite website (open in a new tab)

Code :-

```html
<ul>
    <h1>My favorite  fruits list</h1>
    <li>orange</li>
    <li>banana</li>
    <li>apple</li>
    <li>papaya</li>
</ul>

<hr>

<ol>
    <h1>List of top 3 movies</h1>
    <li>Batman</li>
    <li>Batman Begins</li>
    <li>Batman rises Again</li>
</ol>

<h1>Hyper link to my favorite website is below</h1>
```
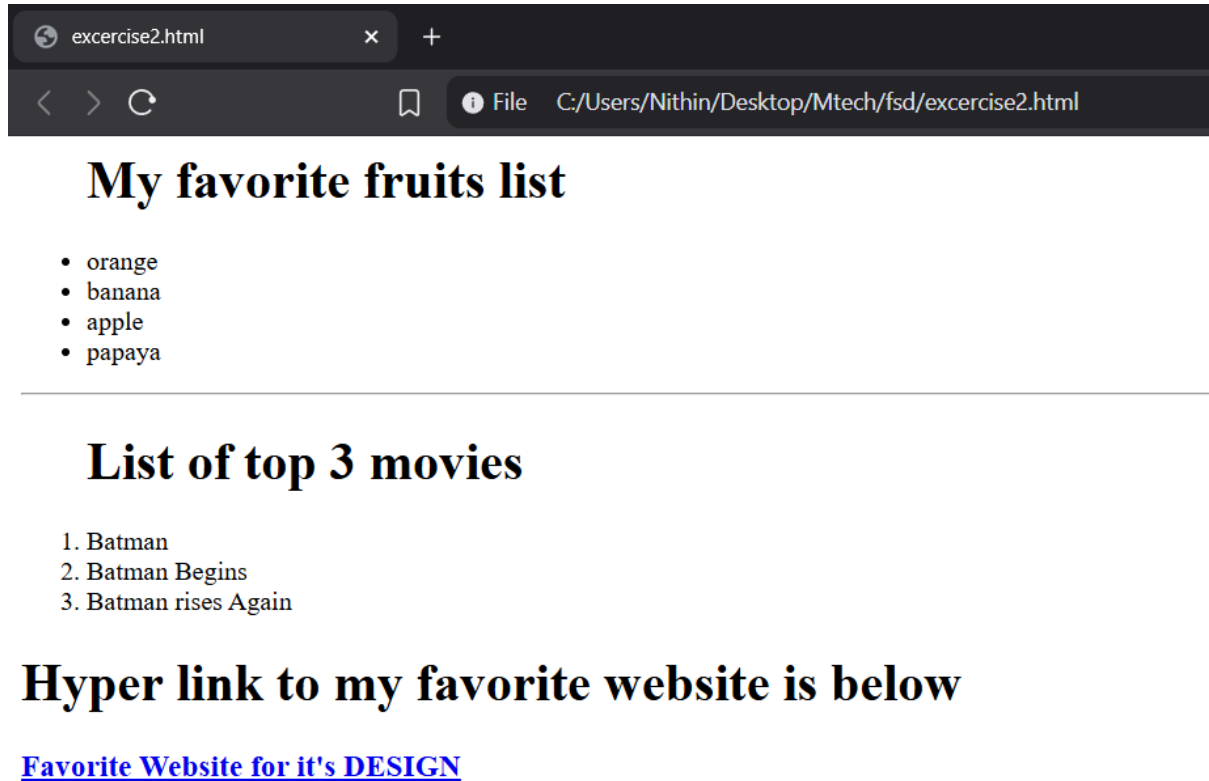
```
<a href="https://noomoagency.com/"><h3>Favorite Website for it's
DESIGN</h3></a>
```

Output :-

excercise2.html ✕ +

〈 〉 ⟳   🔖   ⓘ File   C:/Users/Nithin/Desktop/Mtech/fsd/excercise2.html

My favorite fruits list

- orange
- banana
- apple
- papaya

List of top 3 movies

1. Batman
2. Batman Begins
3. Batman rises Again

Hyper link to my favorite website is below

Favorite Website for it's DESIGN

Exercise 3: Adding Images and Tables

Objective: Insert images and create tables using HTML.

Task:

● Insert an image using the <img> tag (use a placeholder URL or local image)

● Create a table with 3 rows and 3 columns showing:

○ Student Name, Age, and Favorite Subject

Code :-

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width,
initial-scale=1.0">
    <title>Image and table</title>
</head>
<style>
    table, th, td {
      border:1px solid black;
    }
    </style>
<body>
    <h1>Car Image </h1>
<img
src="https://www.usnews.com/object/image/00000191-d821-d8b8-adf7-f97944
b10000/chevrolet-corvette-zr1-coupe-001.jpg?update-time=1725907944302&s
ize=responsiveGallery" alt="Website Image"  >

<hr>
<br><br><br><br><br>
<table style="width:100%">
    <tr>
        <th>Student Name</th>
        <th>Age</th>
        <th>Favorite subject</th>
    </tr>
    <tr>
        <td>Tony</td>
        <td>18</td>
        <td>Arthashatra</td>
    </tr>
```
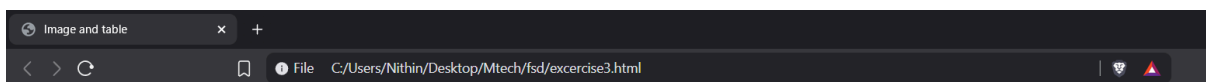
```html
        <tr>
            <td>Robert</td>
            <td>17</td>
            <td>Vignana</td>
        </tr>
        <tr>
            <td>Tony</td>
            <td>16</td>
            <td>Samaja Vignana</td>
        </tr>
</table>
<br><br><br><br><br>
<br><br><br><br><br>
</body>
</html>
```
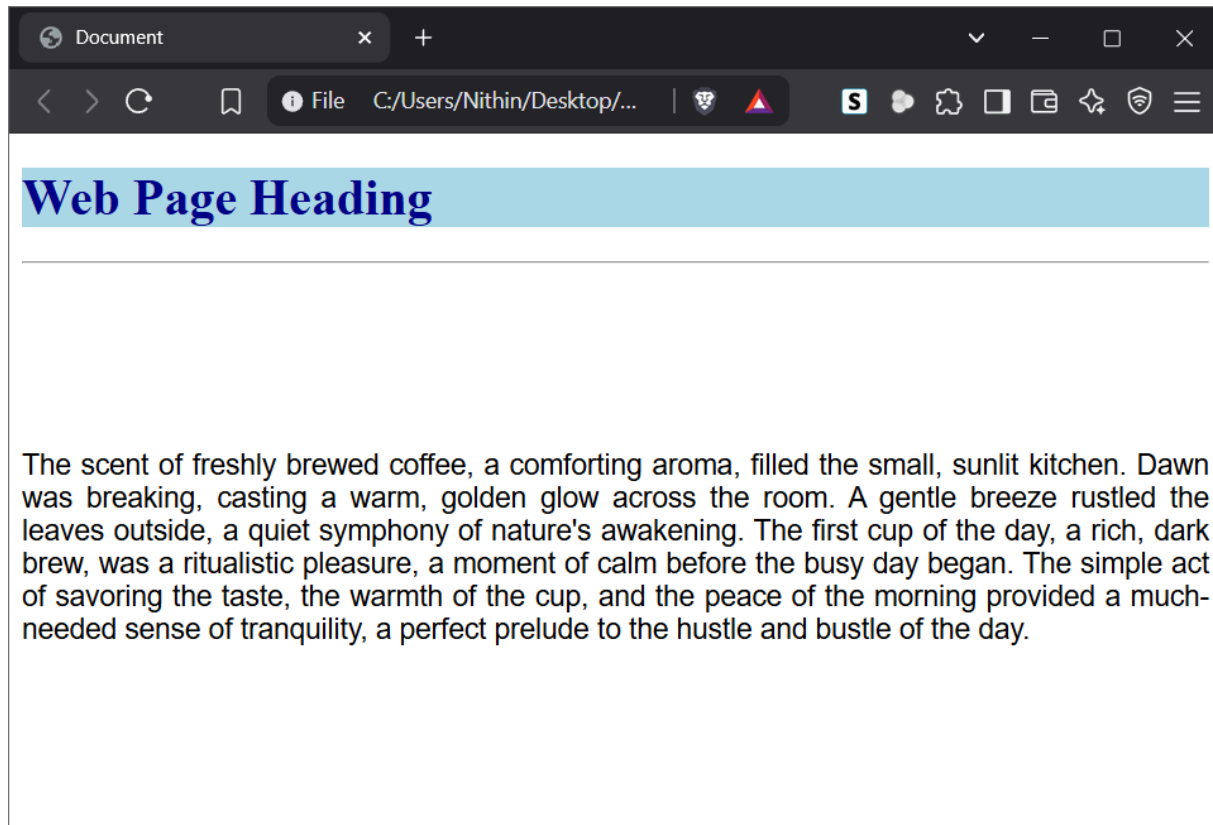
Output :-

Car Image

Student Name	Age	Favorite subject
Tony	18	Arthashatra
Robert	17	Vignana
Tony	16	Samaja Vignana

Exercise 4: Introduction to CSS (Internal CSS)

Objective: Apply basic styles to HTML using <style> tag.

Task:

● Create a heading styled with:

○ Background color: lightblue

○ Text color: darkblue

○ Font size: 30px

● Style a paragraph with:

○ Font family: Arial

○ Text alignment: justify

Code :-

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width,
initial-scale=1.0">
    <title>Document</title>
</head>
<body>
    <h1 style="color: darkblue; background-color: lightblue;">Web Page
Heading</h1>
    <hr>
    <br><br><br><br><br>
    <p style="font-family: Arial; text-align: justify; font-size:
large;">
        The scent of freshly brewed coffee, a comforting aroma, filled
the small, sunlit kitchen. Dawn was breaking, casting a warm, golden
glow across the room. A gentle breeze rustled the leaves outside, a
quiet symphony of nature's awakening. The first cup of the day, a rich,
dark brew, was a ritualistic pleasure, a moment of calm before the busy
day began. The simple act of savoring the taste, the warmth of the cup,
and the peace of the morning provided a much-needed sense of
tranquility, a perfect prelude to the hustle and bustle of the day.
    </p>
</body>
</html>
```

Output :-

Web Page Heading

The scent of freshly brewed coffee, a comforting aroma, filled the small, sunlit kitchen. Dawn was breaking, casting a warm, golden glow across the room. A gentle breeze rustled the leaves outside, a quiet symphony of nature's awakening. The first cup of the day, a rich, dark brew, was a ritualistic pleasure, a moment of calm before the busy day began. The simple act of savoring the taste, the warmth of the cup, and the peace of the morning provided a much-needed sense of tranquility, a perfect prelude to the hustle and bustle of the day.

Exercise 5: CSS Classes and IDs

Objective: Learn to differentiate and apply CSS classes and IDs.

Task:

● Create two <div> blocks:

○ One with ID intro styled with a border and padding

○ One with class highlight styled with a yellow background

● Add text to both and observe the styles

Code :-

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <style>
p.dotted {border-style: dotted;}
</style>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width,
initial-scale=1.0">
    <title>Document</title>
</head>
<body>
    <div id="intro"  style=" padding: 20px;">
        <h1 style="color: blueviolet;"> This is the sample text in  div
one</h1>
    </div>
    <div class="highlight" style="background-color: yellow;">
        <h1 style="color: red;">This is the sample text in div two</h1>
    </div>
</body>
</html>
```

Output :-

This is the sample text in div one

This is the sample text in div two