

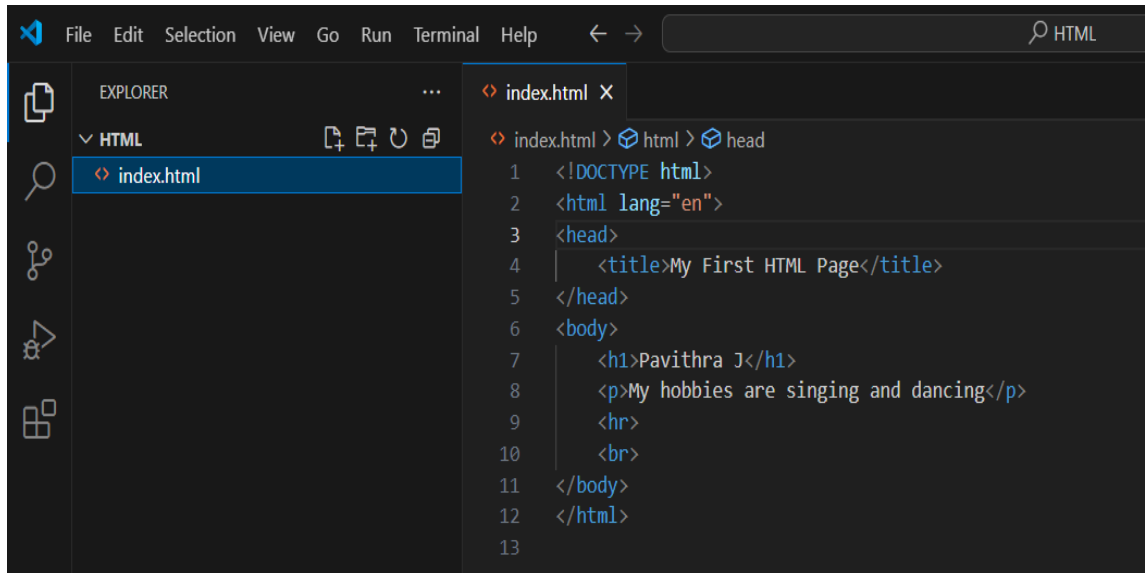
Assignment-1

Exercise 1: Basic HTML5 Structure

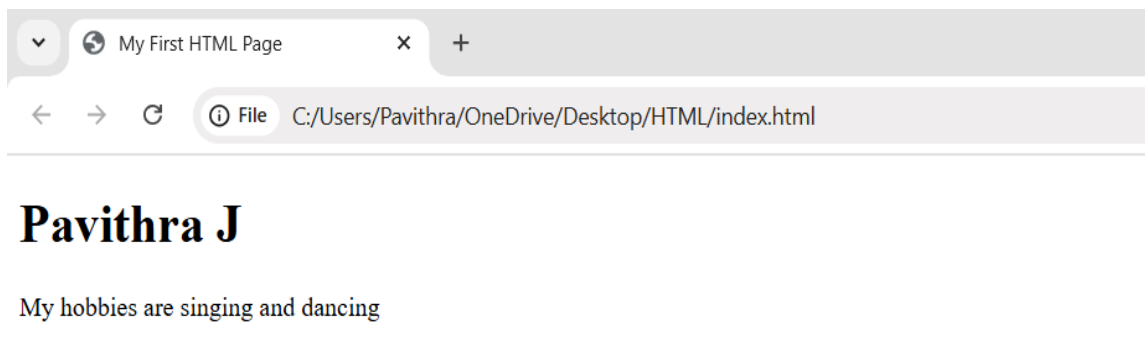
Objective: Understand the basic structure of an HTML5 document.

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



```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <title>My First HTML Page</title>
5 </head>
6 <body>
7   <h1>Pavithra J</h1>
8   <p>My hobbies are singing and dancing</p>
9   <hr>
10  <br>
11 </body>
12 </html>
13
```

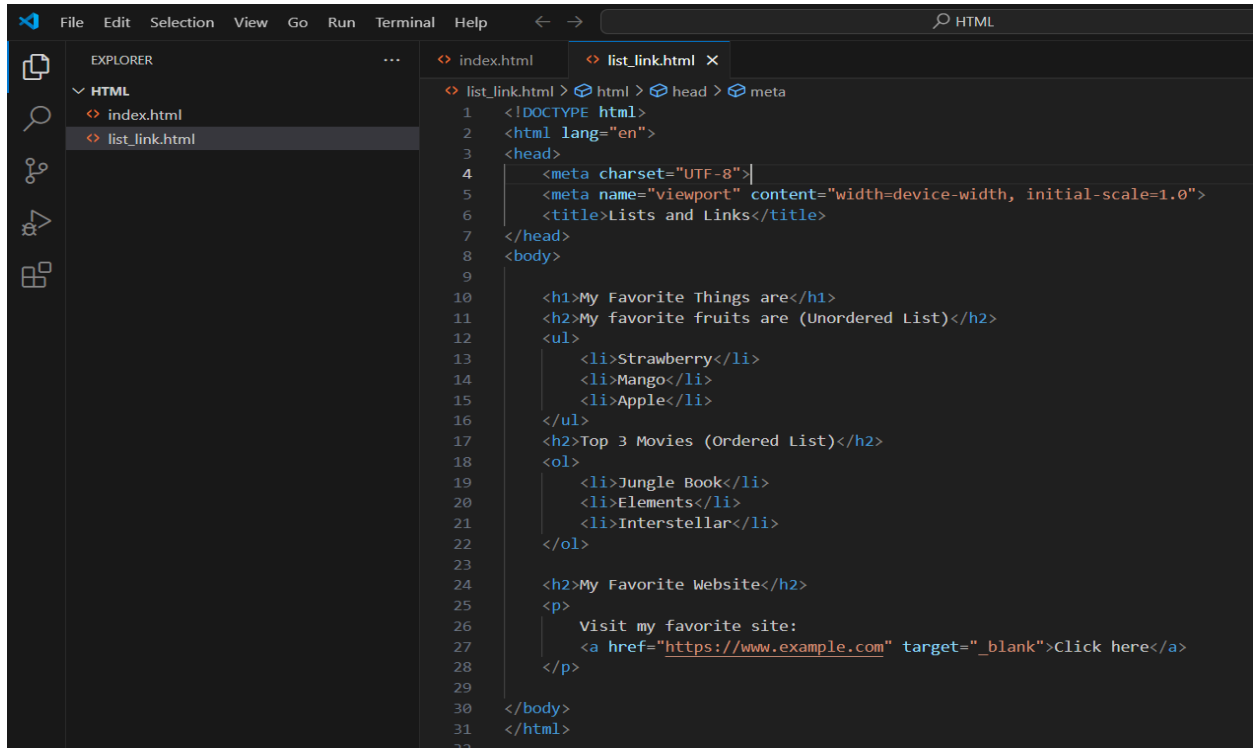


Exercise 2: Use of Lists and Links

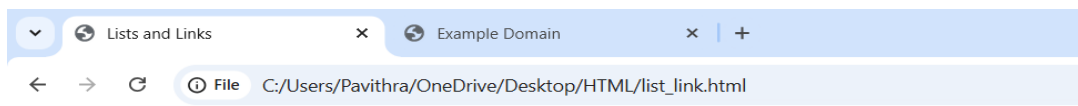
Objective: Practice using different list types and hyperlinks.

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)



```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>Lists and Links</title>
7 </head>
8 <body>
9
10  <h1>My Favorite Things are</h1>
11  <h2>My favorite fruits are (Unordered List)</h2>
12  <ul>
13    <li>Strawberry</li>
14    <li>Mango</li>
15    <li>Apple</li>
16  </ul>
17  <h2>Top 3 Movies (Ordered List)</h2>
18  <ol>
19    <li>Jungle Book</li>
20    <li>Elements</li>
21    <li>Interstellar</li>
22  </ol>
23
24  <h2>My Favorite Website</h2>
25  <p>
26    Visit my favorite site:
27    <a href="https://www.example.com" target="_blank">Click here</a>
28  </p>
29
30 </body>
31 </html>
```



My Favorite Things are

My favorite fruits are (Unordered List)

- Strawberry
- Mango
- Apple

Top 3 Movies (Ordered List)

1. Jungle Book
2. Elements
3. Interstellar

My Favorite Website

Visit my favorite site: [Click here](https://www.example.com)

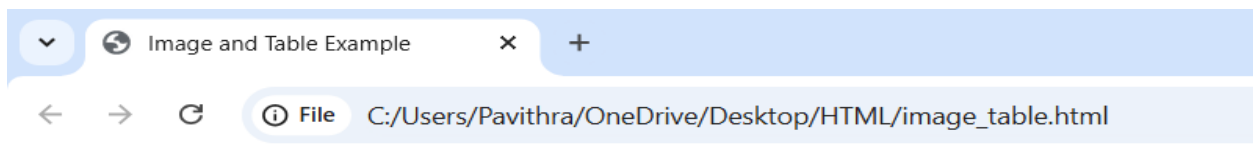
Exercise 3: Adding Images and Tables

Objective: Insert images and create tables using HTML.

Task:

- Insert an image using the tag (use a placeholder URL or local image) .
- Create a table with 3 rows and 3 columns showing: ○ Student Name, Age, and Favorite Subject.

```
File Edit Selection View Go Run Terminal Help
HTML
EXPLORER
  HTML
    image_table.html
    index.html
    list_link.html
  image_table.html
1 <!DOCTYPE html>
2 <html>
3 <head>
4   <title>Image and Table Example</title>
5 </head>
6 <body>
7   
8   <table border="1">
9     <tr>
10      <th>Name</th>
11      <th>Age</th>
12      <th>Favorite Subject</th>
13    </tr>
14    <tr>
15      <td>Deepashri</td>
16      <td>24</td>
17      <td>Math</td>
18    </tr>
19    <tr>
20      <td>Bindhu</td>
21      <td>23</td>
22      <td>Science</td>
23    </tr>
24    <tr>
25      <td>Dhanya</td>
26      <td>25</td>
27      <td>English</td>
28    </tr>
29  </table>
30 </body>
31 </html>
32
33
```



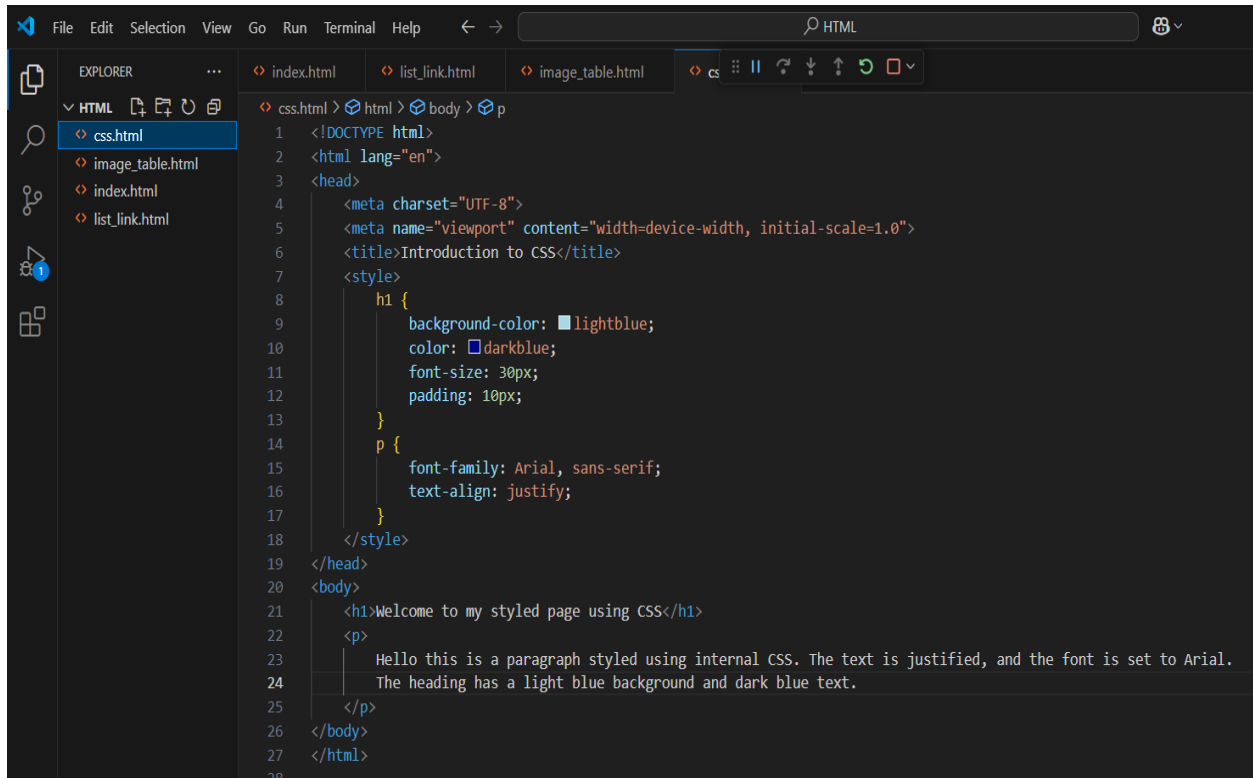
Name	Age	Favorite Subject
Deepashri	24	Math
Bindhu	23	Science
Dhanya	25	English

Exercise 4: Introduction to CSS (Internal CSS)

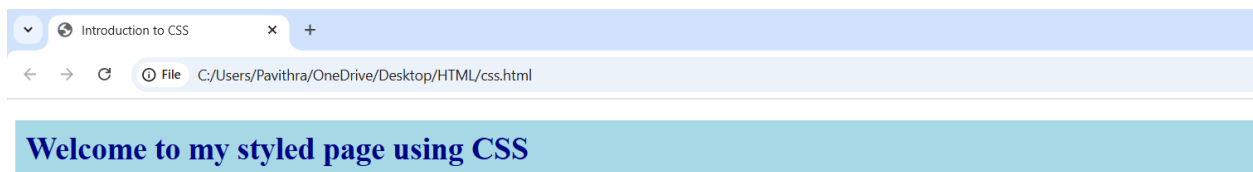
Objective: Apply basic styles to HTML using `<style>` tag.

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



```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>Introduction to CSS</title>
7   <style>
8     h1 {
9       background-color: lightblue;
10      color: darkblue;
11      font-size: 30px;
12      padding: 10px;
13    }
14    p {
15      font-family: Arial, sans-serif;
16      text-align: justify;
17    }
18  </style>
19 </head>
20 <body>
21   <h1>Welcome to my styled page using CSS</h1>
22   <p>
23     Hello this is a paragraph styled using internal CSS. The text is justified, and the font is set to Arial.
24     The heading has a light blue background and dark blue text.
25   </p>
26 </body>
27 </html>
```

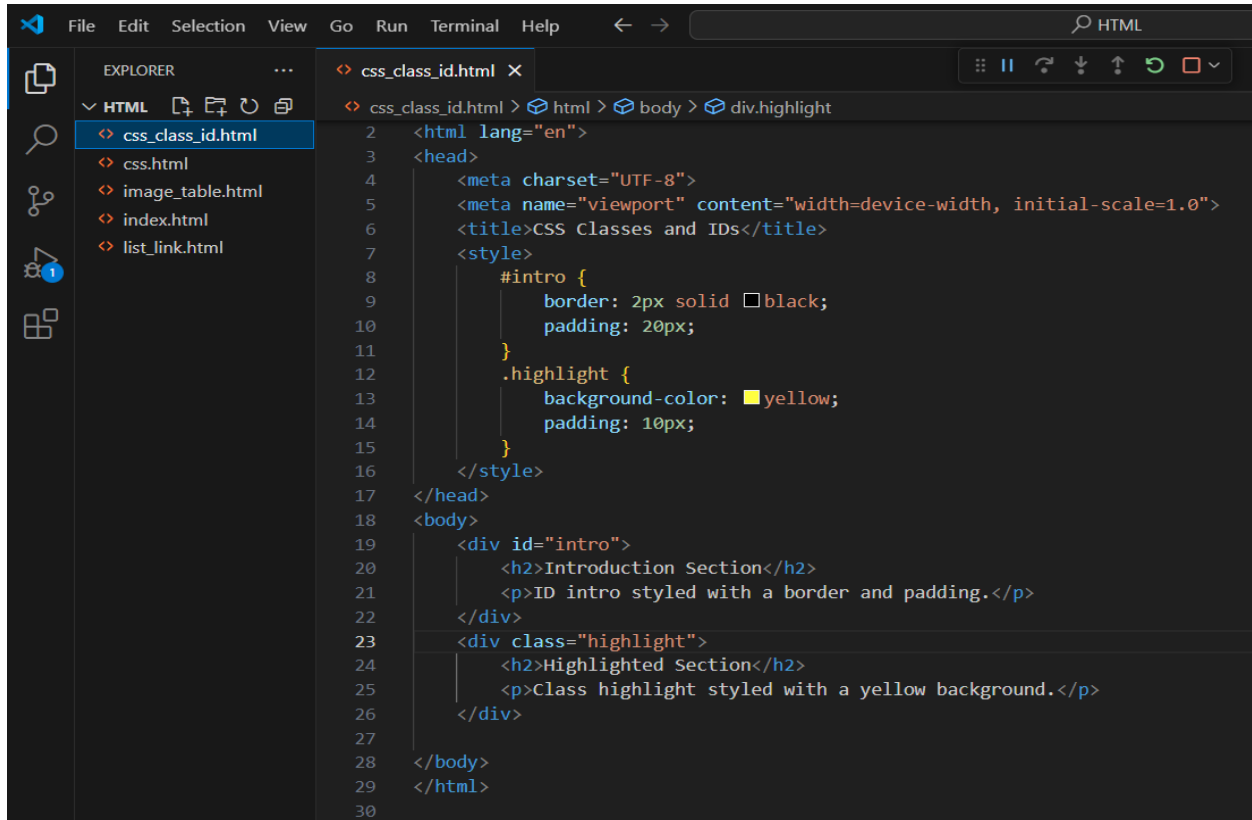


Exercise 5: CSS Classes and IDs

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



```
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>CSS Classes and IDs</title>
7   <style>
8     #intro {
9       border: 2px solid black;
10      padding: 20px;
11    }
12    .highlight {
13      background-color: yellow;
14      padding: 10px;
15    }
16  </style>
17 </head>
18 <body>
19   <div id="intro">
20     <h2>Introduction Section</h2>
21     <p>ID intro styled with a border and padding.</p>
22   </div>
23   <div class="highlight">
24     <h2>Highlighted Section</h2>
25     <p>Class highlight styled with a yellow background.</p>
26   </div>
27
28 </body>
29 </html>
30
```

