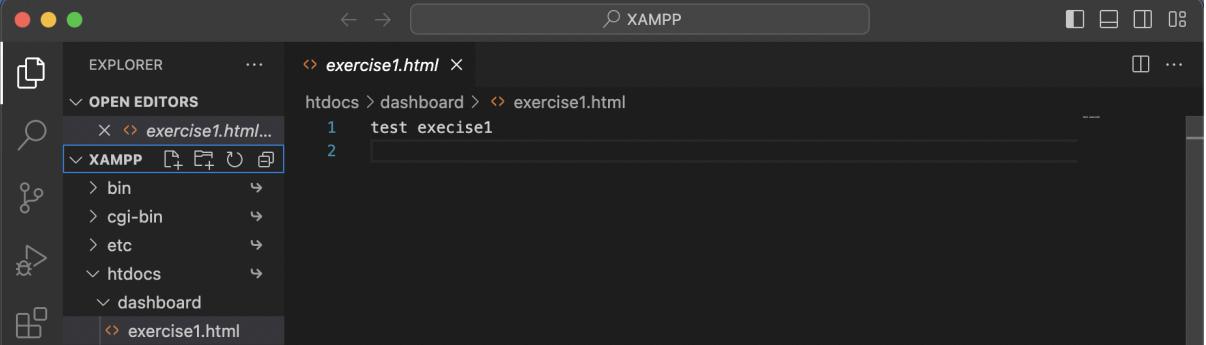
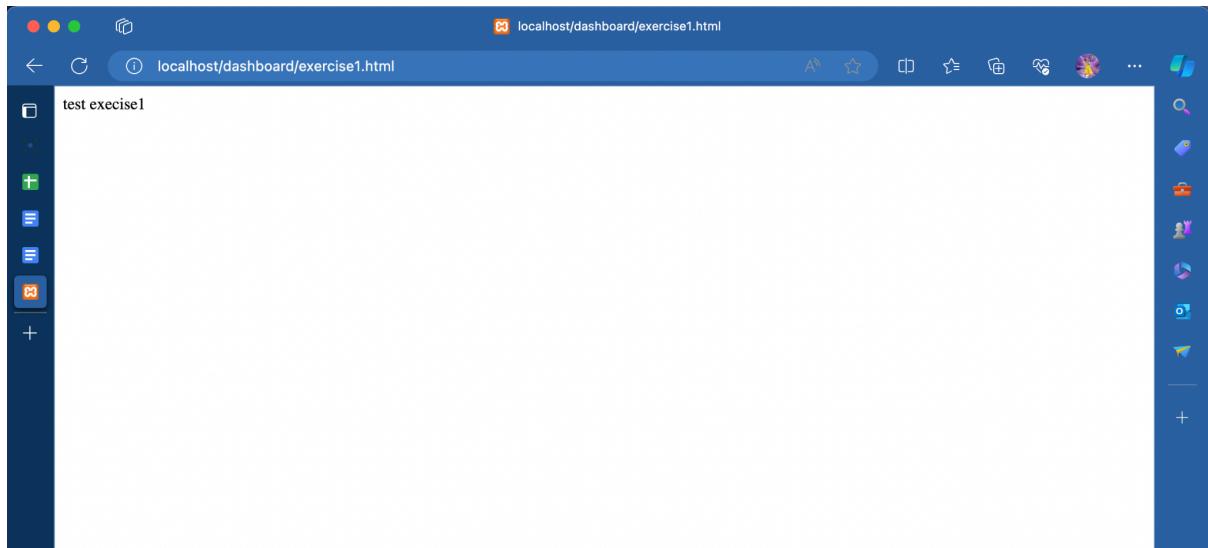


Lab 2 EngSE203

exercise1

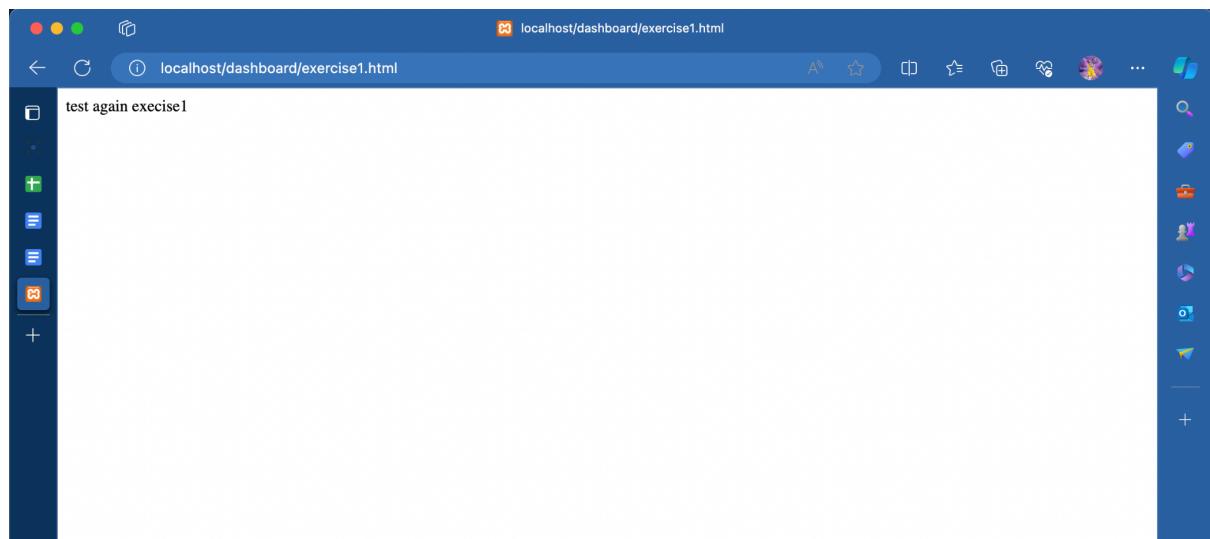


The screenshot shows a code editor interface with a dark theme. The title bar says "XAMPP". The left sidebar has icons for Explorer, Open Editors, and XAMPP. Under "OPEN EDITORS", there is a file named "exercise1.html". In the main editor area, the path "htdocs > dashboard > exercise1.html" is shown above the code. The code itself contains two lines: "1 test excise1" and "2".



The screenshot shows the XAMPP Control Panel interface. On the left is the EXPLORER sidebar with a tree view of the XAMPP directory structure, including the htdocs folder and its subfolders like bin, cgi-bin, etc., and the dashboard folder containing exercise1.html. The main central area displays the content of exercise1.html:

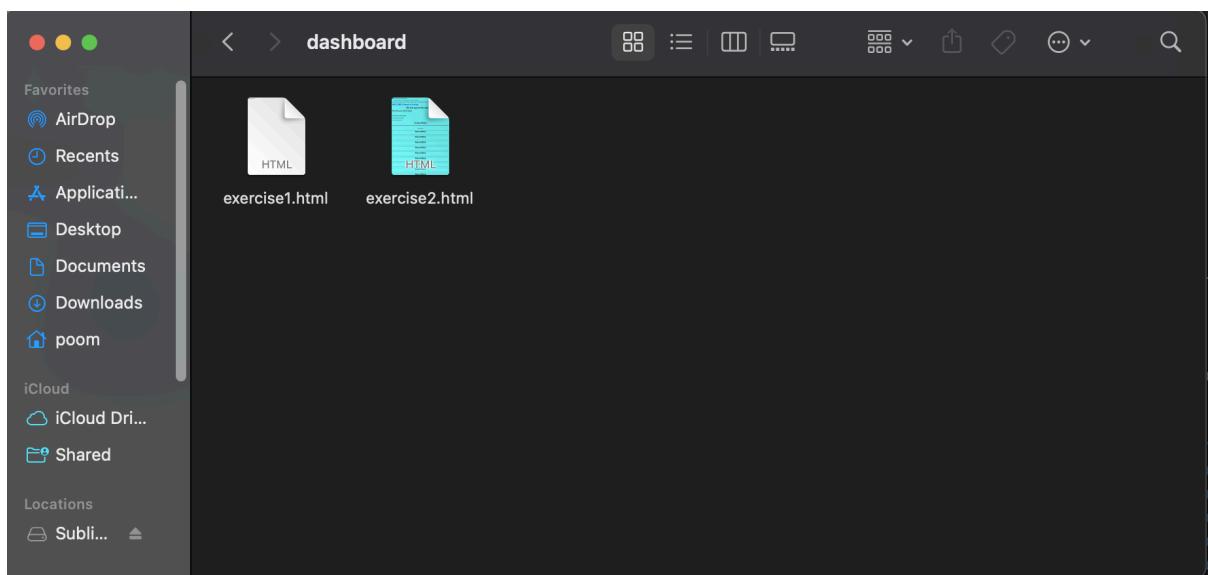
```
1 test again execise1
2
```

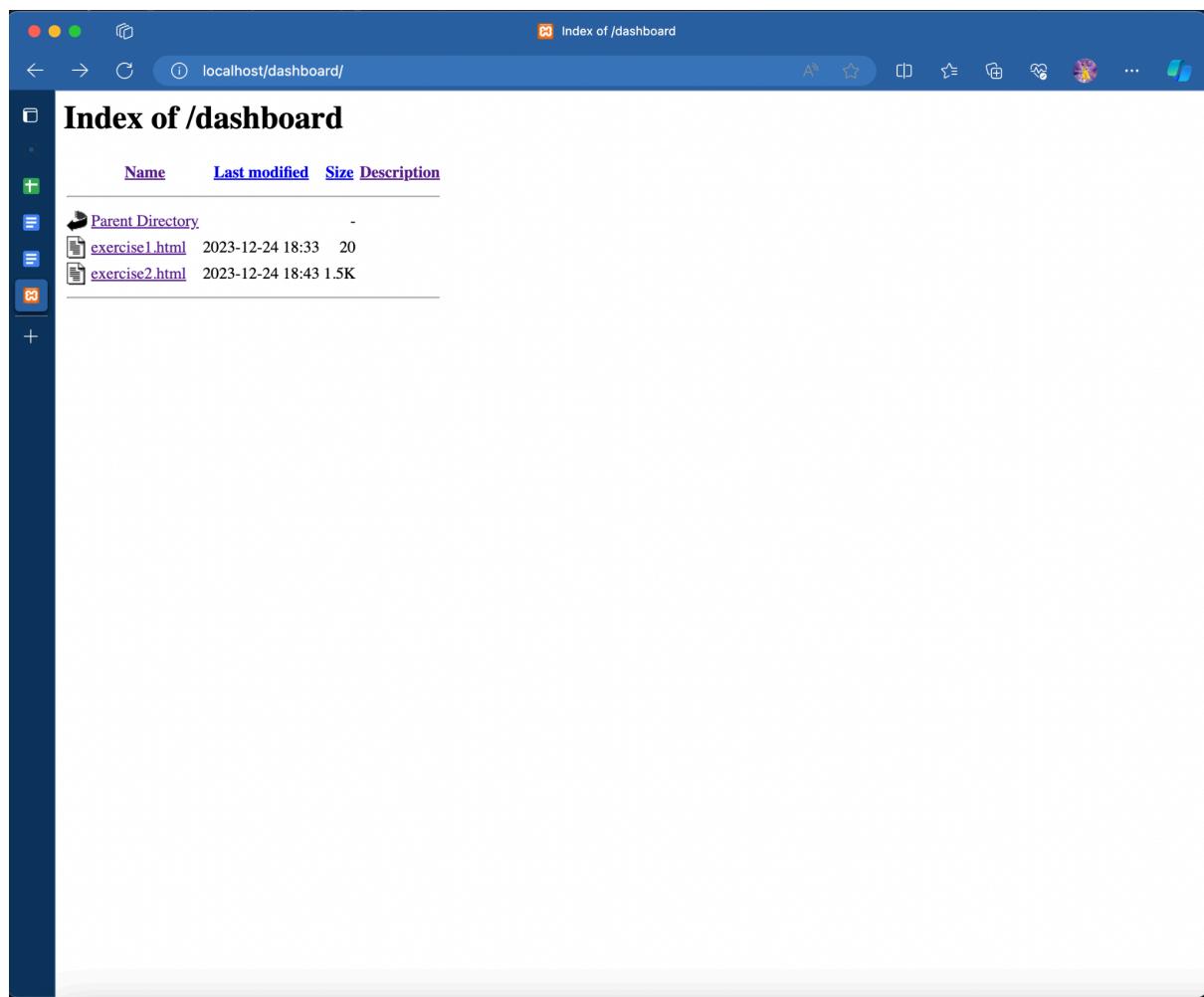


exercise2

The screenshot shows the XAMPP Control Panel interface. On the left is the EXPLORER sidebar with a tree view of the XAMPP directory structure, including the htdocs folder and its subfolders like bin, cgi-bin, etc., and the dashboard folder containing exercise2.html. The main central area displays the content of exercise2.html:

```
1 <HTML> <HEAD>
2   <TITLE> Poom coming </TITLE>
3 </Head>
4 <body text="#660000" bgcolor="Aqua" background="..Jellyfish.jpg"> Illustration of body tag with its properties
5 <!-- This is a comment -->
6 <pre>
7 This text uses pre tag and preserves nextline and spaces </pre>
8
9 <p>This text doesnt uses pre tag so doesnt preserves nextline and spaces.. everything will be printed in the same line</p>
10 <font face="arial" size="6" color="blue"> WELCOME- Example of font tag </font> <h1 align="center"> This is h1 tag text with center aligned </ h1>
11 <h2 align="left"> This is h2 tag text with left aligned </h2>
12 <h3 align="right">This is h3 tag text with right aligned </h3>
13 <h4> This is h4 tag text without alignment</h4> <h5> This is h5 tag Text wit hout alignment </h5> <h6> This is h6 tag text without alignment </h6> <center>
14 <h1 align= "center"> To select PIZZA </h1>
15 <hr color="red">
16 <p> <marquee behavior="scroll" direction="right"> This is an PIZZA service</marquee> <p> This is <i> italized </i> </p>
17 <p> <h1 style="border:2px solid #Tomato;">This is <Strong> PIZZA </strong> </p>
18 <p> <h1 style="border:2px solid #Tomato;">TThis is <Strong> PIZZA </strong> </p>
19 <p> <h1 style="border:2px solid #Tomato;">TThis is <Strong> PIZZA </strong> </p>
20 <p> <h1 style="border:2px solid #Tomato;">TThis is <Strong> PIZZA </strong> </p>
21 <p> <h1 style="border:2px solid #Tomato;">TThis is <Strong> PIZZA </strong> </p>
22 <p> <h1 style="border:2px solid #Tomato;">TThis is <Strong> PIZZA </strong> </p>
23 <p> <h1 style="border:2px solid #Tomato;">TThis is <Strong> PIZZA </strong> </p>
24 <p> <h1 style="border:2px solid #Tomato;">TThis is <Strong> PIZZA </strong> </p>
25 <p> <h1 style="border:2px solid #Tomato;">TThis is <Strong> PIZZA </strong> </p>
26 <p> <h1 style="border:2px solid #Tomato;">TThis is <Strong> PIZZA </strong> </p>
27 </center> </body>
28 </html>
```





exercise3

The screenshot shows a code editor interface with two tabs open: "exercise3.html" and "exercise4.html".

exercise3.html Content:

```
<ol>
    <li>Apples</li>
    <li>Bananas</li>
    <li>Lemons</li>
</ol>
<h4>Uppercase Letters Vegetable list:</h4>
<ol type="A">
    <li>Brinjals</li>
    <li>Carrots</li>
    <li>Cabbage</li>
</ol>
<h4>Roman numbers Shopping list:</h4>
<ol type="I">
    <li>T Shirt</li>
    <li>Shorts</li>
    <li>Jacket</li>
</ol>
<h5>Unorder List</h5>
<h4>Square bullets list:</h4>
<ul type="square">
    <li>Brinjals</li>
    <li>Carrots</li>
    <li>Cabbage</li>
</ul>
<h4>Disc bullets list:</h4>
<ul type="disc">
    <li>T Shirt</li>
    <li>Shorts</li>
    <li>Jacket</li>
</ul>
<h4>An ordered nested List:</h4>
<ol>
    <li>Coffee</li>
    <li>Tea
        <ol type="a" start="4">
            <li>Black tea</li>
            <li>Lemon tea</li>
            <li>Green tea
                <ol type="i">
                    <li>China</li>
                    <li>Japan</li>
                </ol>
            </li>
        </ol>
    <li>Milk</li>
</ol>
<h4>A Definition List:</h4>
<dl>
    <dt>Bangalore</dt>
    <dd>Capital City of Karnataka</dd>
    <dt>Mumbai</dt>
    <dd>Capital city of Maharashtra</dd>
</dl>
</body>
</html>
```

exercise4.html Content:

```
41 <ol type="a" start="4">
42     <li>Black tea</li>
43     <li>Lemon tea</li>
44     <li>Green tea
45         <ol type="i">
46             <li>China</li>
47             <li>Japan</li>
48         </ol>
49     </li>
50 </ol>
51 </li>
52 <li>Milk</li>
53 </ol>
54 <h4>A Definition List:</h4>
55 <dl>
56     <dt>Bangalore</dt>
57     <dd>Capital City of Karnataka</dd>
58     <dt>Mumbai</dt>
59     <dd>Capital city of Maharashtra</dd>
60 </dl>
61 </body>
62 </html>
```

The screenshot shows a web browser window with the URL `localhost/dashboard/exercise3.html`. The page title is "To illustrate ORDER, UNORDER, and NESTED list tags". The content area contains several examples of different list types:

- Order List**:
 - Numbered Fruits list:**
 - 1. Apples
 - 2. Bananas
 - 3. Lemons
 - Uppercase Letters Vegetable list:**
 - A. Brinjals
 - B. Carrots
 - C. Cabbage
 - Roman numbers Shopping list:**
 - I. T Shirt
 - II. Shorts
 - III. Jacket
- Unorder List**:
 - Square bullets list:**
 - Brinjals
 - Carrots
 - Cabbage
 - Disc bullets list:**
 - T Shirt
 - Shorts
 - Jacket
- An ordered nested List:**
 - 1. Coffee
 - 2. Tea
 - d. Black tea
 - e. Lemon tea
 - f. Green tea
 - i. China
 - ii. Japan
 - 3. Milk
- A Definition List:**
 - Bangalore
 - Capital City of Karnataka
 - Mumbai
 - Capital city of Maharashtra

exercise4

```
htdocs > dashboard > exercise4.html > html > body > ol > li
1   <html>
2   /Applications/XAMPP/htdocs - Symbolic Link
3   |   <title>Link Tag</title>
4   |   </head>
5   |   <body alink="yellow" vlink="orange" link="green">
6   |   <h3 align="center" style="color: red">To illustrate Anchor & link Tags</h3>
7   |   <h4 align="center" style="color: purple">Social app</h4>
8   |   <hr>
9   |   <h4>Text as a hyperlink to another page :</h4>
10  |   <ol>
11  |       <li><a href="https://www.facebook.com/"> Facebook</a></li>
12  |       <li><a href="https://www.instagram.com/?hl=en"> Instagram</a></li>
13  |       <li><a href="https://line.me/th/"> Line</a></li>
14  |   </ol>
15  |   <hr>
16  |   <h4>List Item as a link/hyperlink :</h4>
17  |   <ol>
18  |       <li>
19  |           <a href="apple.jpg">Apple</a>
20  |       </li>
21  |       <li>
22  |           <a href="orange.jpg">Orange</a>
23  |       </li>
24  |       <li>
25  |           <a href="water_melon.jpg">Water Melon</a>
26  |       </li>
27  |   </ol>
28  |   <hr>
29  |   <h4>Linking within the same page:</h4>
30  |   <p><a href="#C1">See also Chapter 1 – Pointers </a></p>
31  |   <p><a href="#C2">See also Chapter 2 – variables</a></p>
32  |   <p><a href="#C3">See also Chapter 3 – Operator</a></p>
33  |   <p><a href="#C4">See also Chapter 4 – structure</a></p>
34  |   <p><a href="#C5">See also Chapter 5 – arrays</a></p>
35  |   <p><a href="#C6">See also Chapter 6 – linked list</a></p>
36  |   <p><a href="#C7">See also Chapter 7 – expressions</a></p>
37  |   <p><a href="#C8">See also Chapter 8 – Binary tree</a></p>
38  |   <p><a href="#C9">See also Chapter 9 – Unordered trees</a></p>
39  |   <p><a href="#C10">See also Chapter 10 – statements</a></p>
40  |   <p><a href="#C11">See also Chapter 11 – searching</a></p>
41  |   <p><a href="#C12">See also Chapter 12 – sorting</a></p>
```

```

51  <p><a href="#C13">See also Chapter 13 - Binary sort</a></p>
52  <p><a href="#C14">See also Chapter 14 - merge sort</a></p>
53  <p><a href="#C15">See also Chapter 15 - help sort</a></p>
54  <h2><a name="C1">Chapter 1 </a></h2>
55  <p>This chapter explains expressions</p>
56  <h2><a name="C2">Chapter 2 </a></h2>
57  <p>This chapter explains expressions</p>
58  <h2><a name="C3">Chapter 3 </a></h2>
59  <p>This chapter explains expressions</p>
60  <h2><a name="C4">Chapter 4 </a></h2>
61  <p>This chapter explains expressions</p>
62  <h2><a name="C5">Chapter 5 </a></h2>
63  <p>This chapter explains expressions</p>
64  <h2><a name="C6">Chapter 6 </a></h2>
65  <p>This chapter explains expressions</p>
66  <h2><a name="C7">Chapter 7 </a></h2>
67  <p>This chapter explains expressions</p>
68  <h2><a name="C8">Chapter 8 </a></h2>
69  <p>This chapter explains expressions</p>
70  <h2><a name="C9">Chapter 9 </a></h2>
71  <p>This chapter explains expressions</p>
72  <h2><a name="C10">Chapter 10 </a></h2>
73  <p>This chapter explains expressions</p>
74  <h2><a name="C11">Chapter 11 </a></h2>
75  <p>This chapter explains expressions</p>
76  <h2><a name="C12">Chapter 12 </a></h2>
77  <p>This chapter explains expressions</p>
78  <h2><a name="C13">Chapter 13 </a></h2>
79  <p>This chapter explains expressions</p>
80  <h2><a name="C14">Chapter 14 </a></h2>
81  <p>This chapter explains expressions</p>
82  <h2><a name="C15">Chapter 15 </a></h2>
83  <p>This chapter explains expressions</p>
84  </body>
85  </html>

```

To illustrate Anchor & link Tags

Social app

Text as a hyperlink to another page :

1. [Facebook](#)
2. [Instagram](#)
3. [Line](#)

List Item as a link/hyperlink :

1. [Apple](#)
2. [Orange](#)
3. [Water Melon](#)

Linking within the same page

[See also Chapter 1 - Pointers](#)

[See also Chapter 2 - variables](#)

[See also Chapter 3 - Operator](#)

[See also Chapter 4 - structure](#)

[See also Chapter 5 - arrays](#)

[See also Chapter 6 - linked list](#)

[See also Chapter 7 - expressions](#)

[See also Chapter 8 - Binary tree](#)

[See also Chapter 9 - Unordered trees](#)

[See also Chapter 10 - statements](#)

[See also Chapter 11 - searching](#)

[See also Chapter 12 - sorting](#)

[See also Chapter 13 - Binary sort](#)

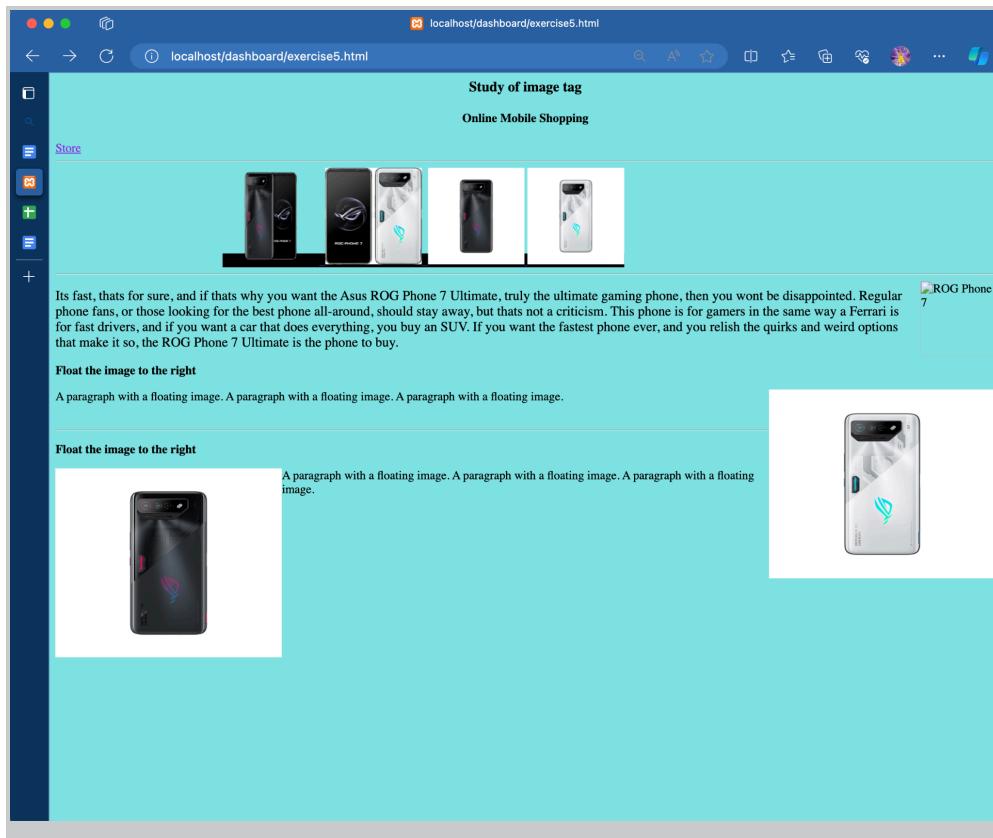
[See also Chapter 14 - merge sort](#)

[See also Chapter 15 - help sort](#)

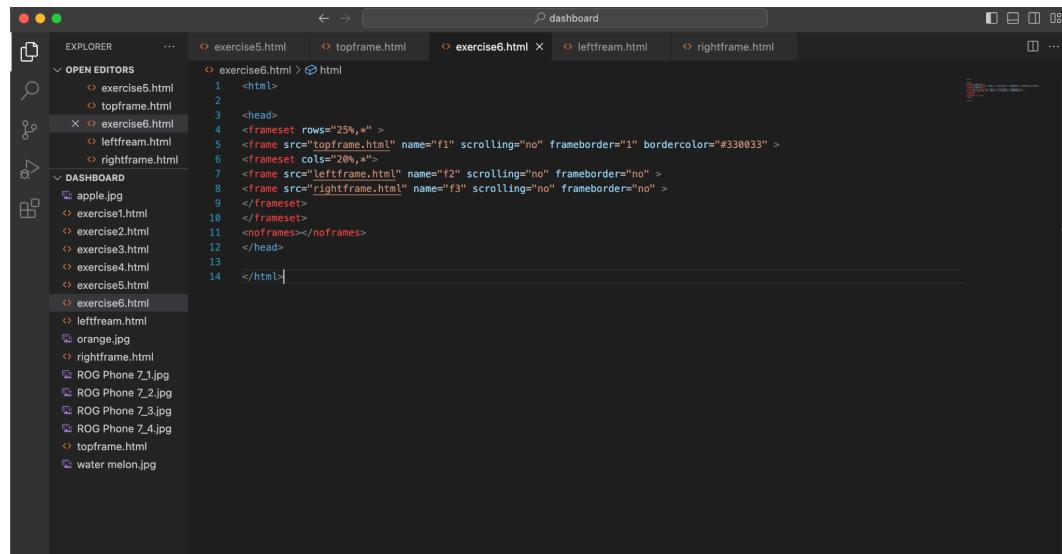
- Chapter 1**
This chapter explains expressions
- Chapter 2**
This chapter explains expressions
- Chapter 3**
This chapter explains expressions
- Chapter 4**
This chapter explains expressions
- Chapter 5**
This chapter explains expressions
- Chapter 6**
This chapter explains expressions
- Chapter 7**
This chapter explains expressions
- Chapter 8**
This chapter explains expressions
- Chapter 9**
This chapter explains expressions
- Chapter 10**
This chapter explains expressions
- Chapter 11**
This chapter explains expressions
- Chapter 12**
This chapter explains expressions
- Chapter 13**
This chapter explains expressions
- Chapter 14**
This chapter explains expressions
- Chapter 15**
This chapter explains expressions

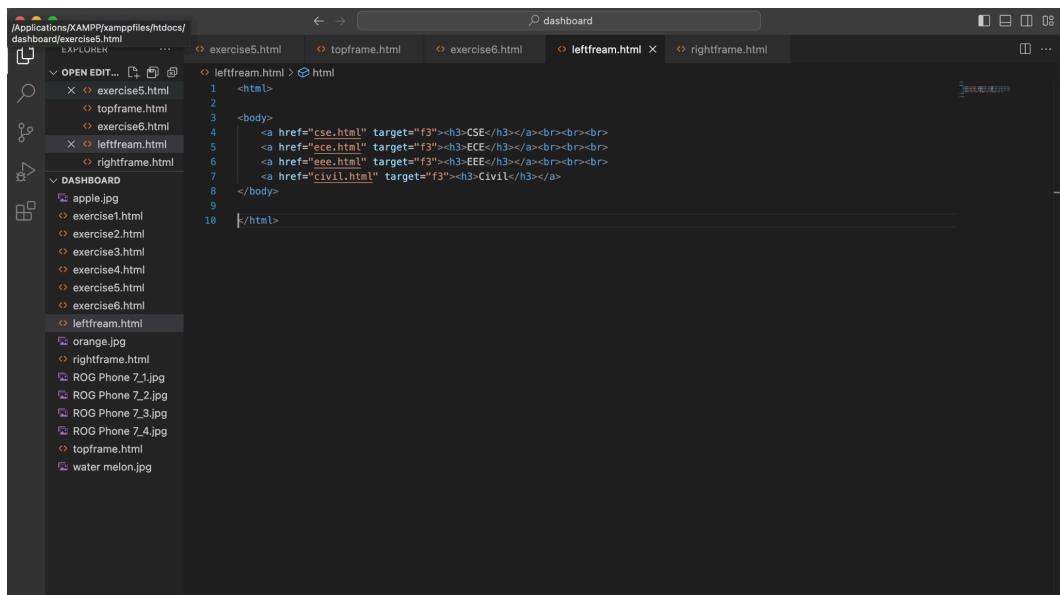
exercise5

The screenshot shows a browser window with the address bar set to "dashboard". The left sidebar has sections for "EXPLORER", "OPEN EDITORS", and "DASHBOARD". Under "OPEN EDITORS", there is a file named "exercise5.html". The main content area displays the HTML code for this file. The code includes a header section with a background color of #ffccbc, a study of image tag, and a link to a mobile shopping page. It features three floating images of ROG phones (7.1, 7.2, 7.3) and two paragraphs with floating images. The code uses CSS for styling, including background colors and widths. The bottom status bar shows the file path as "C:\Users\user\OneDrive\Desktop\exercise5.html", line 17, column 32, and other details like "Spaces: 4", "UTF-8", and "LF, HTML".

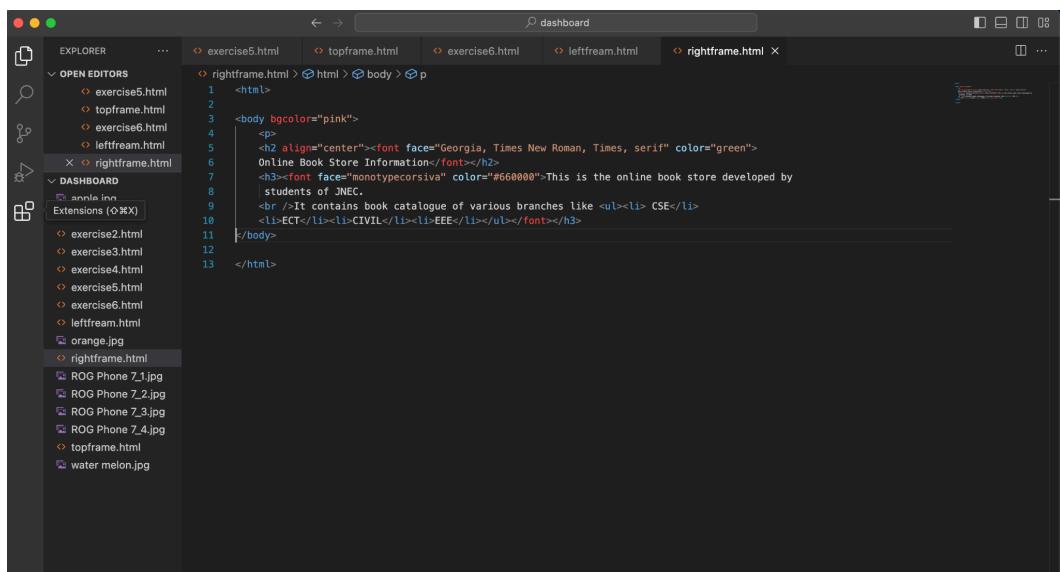


exercise6

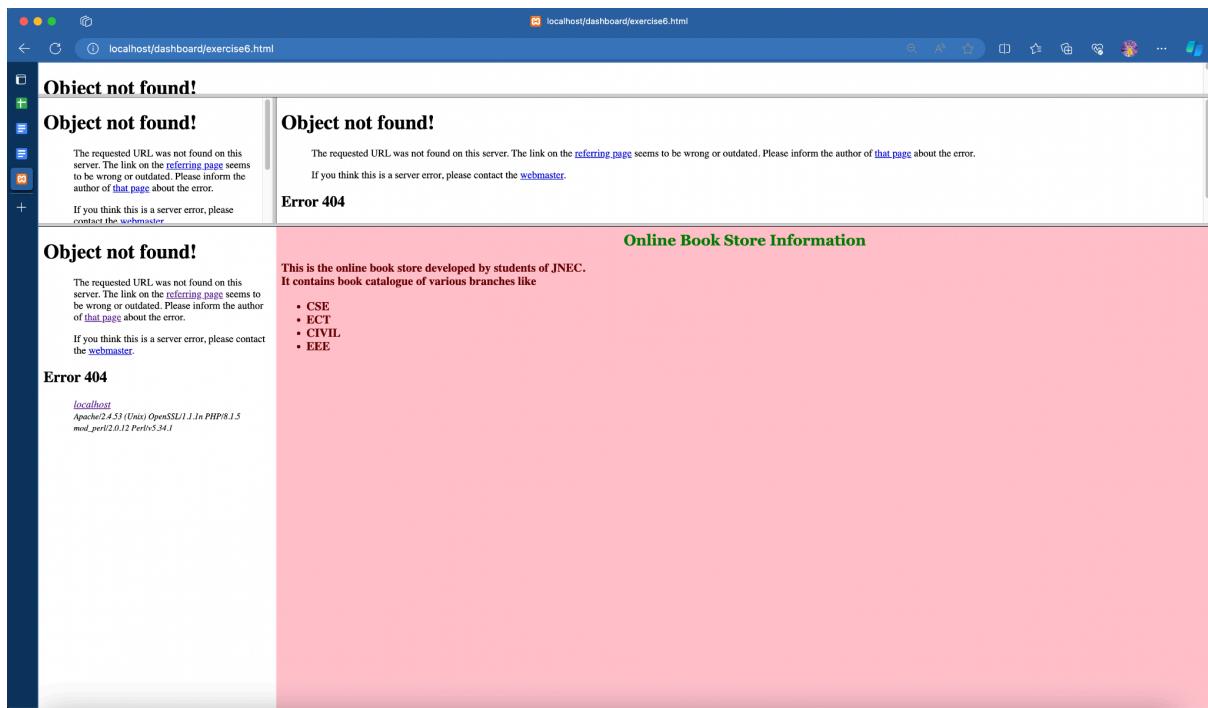




```
<html>
<body>
    <a href="cse.html" target="f3"><h3>CSE</h3></a><br><br>
    <a href="ece.html" target="f3"><h3>ECE</h3></a><br><br>
    <a href="eee.html" target="f3"><h3>EEE</h3></a><br><br>
    <a href="civil.html" target="f3"><h3>Civil</h3></a>
</body>
</html>
```



```
<html>
<body bgcolor="pink">
    <p>
        <h2 align="center"><font face="Georgia, Times New Roman, Times, serif" color="green">
            Online Book Store Information</font></h2>
        <h3><font face="monotypecorsiva" color="#660000">This is the online book store developed by
            students of JNEC.</font>
        <br />It contains book catalogue of various branches like <ul><li> CSE</li>
        <li>ECT</li><li>CIVIL</li><li>EEE</li></ul></font></h3>
    </p>
</body>
</html>
```



exercise7

The screenshot shows the VS Code interface with the 'exercise7.html' file open in the editor. The code is a table definition with various rows and columns, some containing text and others containing spans. A tooltip is visible over the first row, stating: 'The body element represents the content of the document.'

```

<body>
  <h3 align="left" style="color: #red">To illustrate Table tags</h3>
  <center>
    <h3>
      MGM's JNEC Aurangabad<br>
      DEPARTMENT OF MASTER OF COMPUTER APPLICATION<br> W.E.F- 12-July-2016
    </h3>
  </center>
  <table border="2" width="75%" cellspacing="2" cellpadding="15" align="center" bordercolor="#6600CC">
    <tr>
      <th>Periods</th>
      <th rowspan="2">08.00-09.00</th>
      <th rowspan="2">09.00-10.00</th>
      <th rowspan="2">10.00-11.00</th>
      <th rowspan="2">11.00-12.00</th>
      <th rowspan="2">12.00-13.00</th>
      <th rowspan="2">13.00-14.00</th>
      <th rowspan="2">14.00-15.00</th>
      <th rowspan="2">15.00-16.00</th>
      <th rowspan="2">16.00-17.00</th>
      <th rowspan="2">17.00-18.00</th>
      <th rowspan="2">18.00-19.00</th>
    </tr>
    <tr>
      <th>Days</th>
    </tr>
    <tr>
      <th>Monday</th>
      <td colspan="5" bgcolor="cyan"><center>Activity</center></td>
      <td></td>
      <td colspan="5" bgcolor="cyan"><center>Activity</center></td>
    </tr>
    <tr>
      <th>TuesDay</th>
      <td colspan="5" bgcolor="cyan"><center>ENGSE216</center></td>
      <td></td>
    </tr>
  </table>

```

The screenshot shows a code editor interface with a dark theme. On the left is a sidebar containing a file tree with various files and images listed. The main area displays an HTML document with line numbers from 50 to 82. The code includes several

elements, some of which have colspan attributes. The status bar at the bottom shows file statistics: Ln 71, Col 24, Spaces: 4, UTF-8, LF, HTML, and a close button.

```
50 | <td colspan="5" bgcolor="cyan"><center>ENGSE217</center></td>
51 | </tr>
52 | <tr>
53 |   <th>Wednesday</th>
54 |   <td colspan="5" bgcolor="cyan"><center>ENGSE200</center></td>
55 |   <td></td>
56 |   <td></td>
57 |   <td colspan="2" bgcolor="cyan"><center>ENGSE002</center></td>
58 |   <td></td>
59 |   <td></td>
60 | </tr>
61 | <tr>
62 |   <th>Thurday</th>
63 |   <td colspan="3" bgcolor="cyan"><center>ENGSE216</center></td>
64 |   <td></td>
65 |   <td></td>
66 |   <td colspan="2" bgcolor="cyan"><center>ENGSE217</center></td>
67 | </tr>
68 | <tr>
69 |   <th>Friday</th>
70 |   <td colspan="5" bgcolor="cyan"><center>ENGSE203</center></td>
71 |   <td></td>
72 |   <td></td>
73 |   <td></td>
74 |   <td></td>
75 |   <td></td>
76 | </tr>
77 | <td></td>
78 | </tr>
79 | </table>
80 | </body>
81 | </html>
82 | 
```

MGM's JNEC Aurangabad
DEPARTMENT OF MASTER OF COMPUTER APPLICATION
W.E.F- 12-July-2016

Class:SYMCA Hall.No:FF49

Periods	08.20-09.00	09.00-10.00	10.00-11.00	11.00-12.00	12.00-13.00	13.00-14.00	14.00-15.00	15.00-16.00	16.00-17.00	17.00-18.00	18.00-19.00	
Days												
Monday	Activity						Activity					
TuesDay	ENGSE216						ENGSE217					
Wednesday	ENGSE200						ENGSE002					
Thurday	ENGSE216						ENGSE217					
Friday	ENGSE203											

exercise8

The screenshot shows a dark-themed code editor interface with two main panes. The top pane displays the source code for 'exercise8.html', which includes an HTML structure with a title and a form, and a detailed CSS style sheet defining colors, fonts, and layout for various elements like body, h2, label, and input fields. The bottom pane shows the rendered HTML output, where the form fields are displayed as expected based on the styles defined in the CSS. Both panes have status bars at the bottom showing file paths ('exercise8.html'), line numbers ('Ln 1, Col 1'), character counts ('Spaces: 4'), and encoding ('UTF-8').

```
<html>
<head>
    <title>Customized Registration Form</title>
    <style>
        body {
            background-color: #f0f0f0;
            font-family: Arial, sans-serif;
        }
        h2 {
            color: #444;
            font-size: 24px;
        }
        label {
            color: #888;
            font-size: 16px;
        }
        input[type="text"], input[type="email"], input[type="password"] {
            background-color: #fff;
            border: 1px solid #ddd;
            padding: 8px;
            width: 100%;
            box-sizing: border-box;
            font-size: 14px;
        }
        input[type="submit"] {
            background-color: #4CAF50;
            border: none;
            color: white;
            padding: 10px 20px;
            text-align: center;
            text-decoration: none;
            display: inline-block;
            font-size: 16px;
            margin: 4px 2px;
            cursor: pointer;
        }
    </style>
</head>
<body>
<h2>Customized Registration Form</h2>
<form action="/submit_registration" method="post">
    <label for="fname">First Name:</label><br>
    <input type="text" id="fname" name="fname"><br>
    <label for="lname">Last Name:</label><br>
    <input type="text" id="lname" name="lname"><br>
    <label for="number">Phone Number:</label><br>
    <input type="number" id="number" name="number"><br>
</form>
</body>
</html>
```

The screenshot shows a web browser window titled "Customized Registration Form" at the URL "localhost/dashboard/exercise8.html". The page contains the following form fields:

- First Name:
- Last Name:
- Phone Number:
- Email:
- Password:
- Confirm Password: View site information
-

exercise9

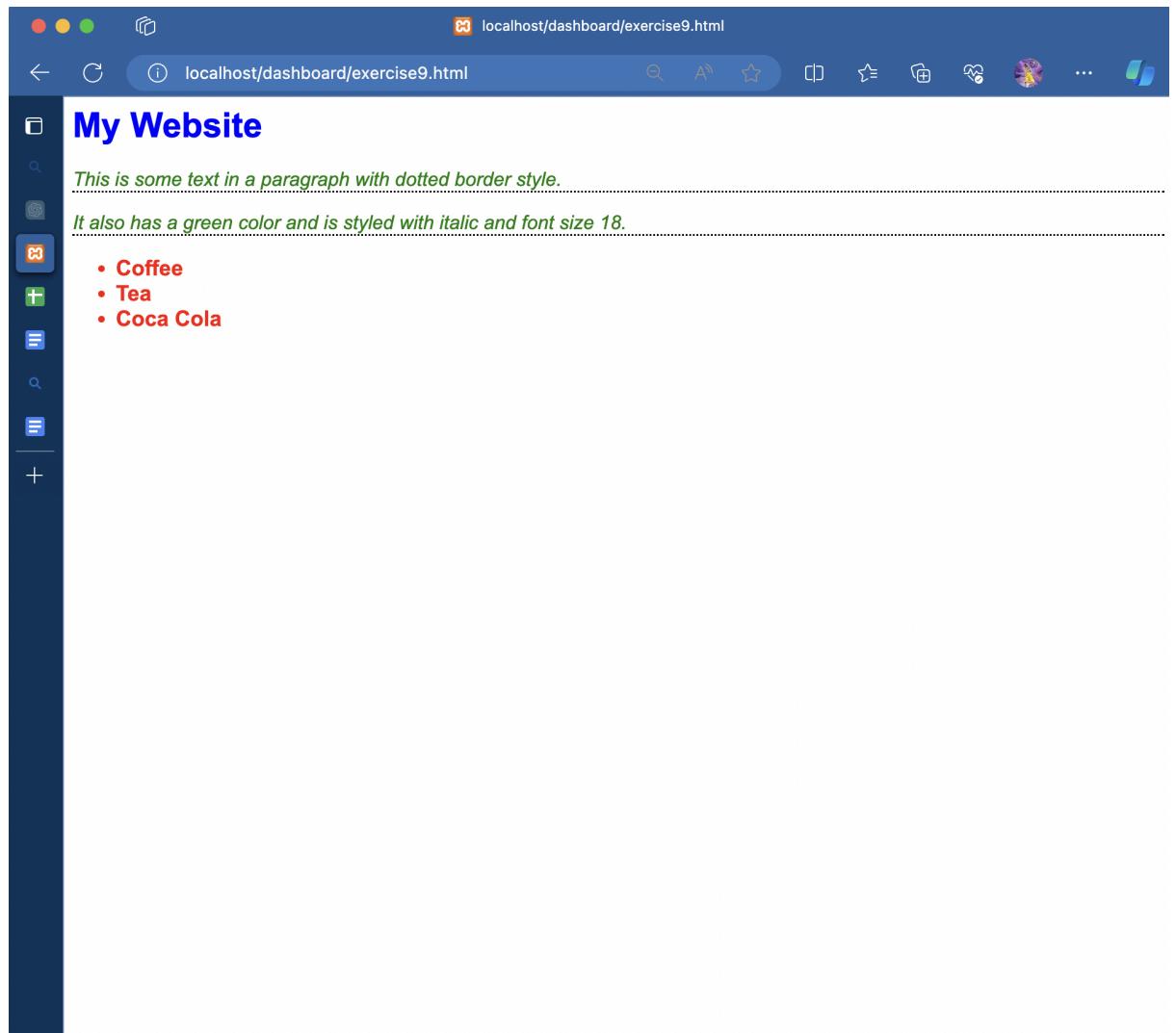
```

EXPLORER      ...
OPEN EDITORS   <-- exercise9.html
DASHBOARD     apple.jpg
              exercise1.html
              exercise2.html
              exercise3.html
              exercise4.html
              exercise5.html
              exercise6.html
              exercise7.html
              exercise8.html
              exercise9.html
              leftframe.html
              orange.jpg
              rightframe.html
              ROG Phone 7.1.jpg
              ROG Phone 7.2.jpg
              ROG Phone 7.3.jpg
              ROG Phone 7.4.jpg
              topframe.html
              water melon.jpg

exercise9.html
<html>
  <head>
    <style>
      body {
        font-family: Arial, sans-serif;
      }
      h1 {
        color: blue;
      }
      p {
        color: green;
        font-size: 18px;
        font-style: italic;
        border-bottom: 2px dotted black;
      }
      ul {
        color: red;
      }
      li {
        font-size: 20px;
        font-weight: bold;
      }
    </style>
  </head>
  <body>
    <h1>My Website</h1>
    <p>This is some text in a paragraph with dotted border style.</p>
    <p> It also has a green color and is styled with italic and font size 18.</p>
    <ul>
      <li>Coffee</li>
      <li>Tea</li>
      <li>Coca Cola</li>
    </ul>
  </body>
</html>

```

The code editor interface shows the file structure on the left and the code content on the right. The code itself defines an HTML document with a head section containing a style block. The style block applies various CSS properties to different elements like body, h1, p, and ul. The body contains an h1 element, a paragraph with specific styling, and an ul element with three li items.



exercise10

```
<html>
<head>
<style>
body {
    font-family: Arial, sans-serif;
}

h2 {
    color: #0080ff;
}

table {
    width: 100%;
    border-collapse: collapse;
}

table, th, td {
    border: 1px solid black;
    padding: 5px;
    text-align: center;
}

th {
    background-color: #f2f2f2;
}

</style>
</head>
<body>

<h3>Study of Embedding Multimedia</h3>
<h4>use of Linking</h4>
<a href="SPECIAL.mp3">Audio song</a> &nbsp; &nbsp; &nbsp; &nbsp; &nbsp;
<a href="SPECIALZ.mp4">Video Song</a> &nbsp; &nbsp; &nbsp; &nbsp; &nbsp;
<a href="Chapter01.pdf" target="_blank">Open PDF file</a> &nbsp; &nbsp; &nbsp; &nbsp; &nbsp;
<a href="file:///D:/AAD/AAD/intro.docx" target="_blank">Open DOC file</a>

<h2>Audio & Video Library</h2>

<table>
    <tr>
        <th>Content</th>
        <th>Preview</th>
    </tr>
    <tr>
        <td>Use of Embedded tag</td>
        <td><embed width="420" height="200" src="SPECIALZ.mp4"></td>
    </tr>
    <tr>
```

Ln 8, Col 9 Spaces: 4 UTF-8 LF HTML

Screenshot of a code editor showing an HTML file named exercise10.html. The code demonstrates various methods for embedding multimedia content:

```

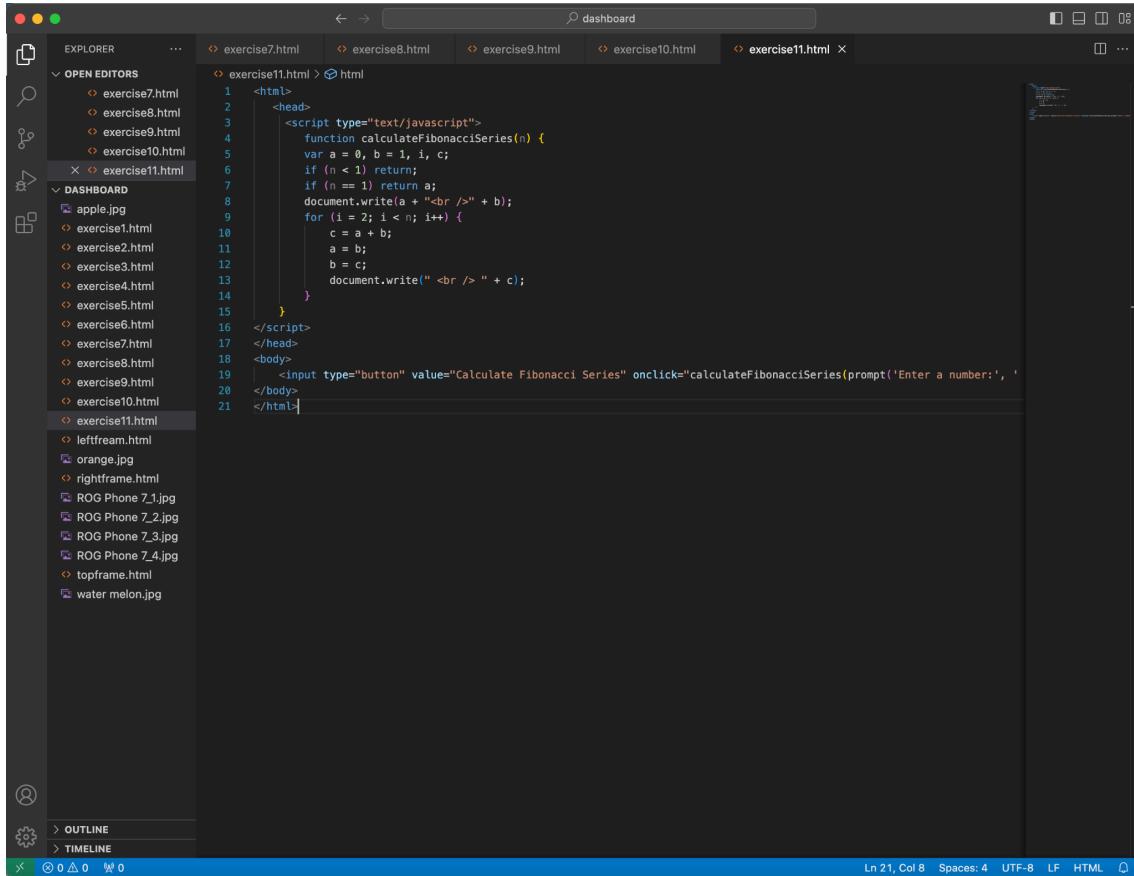
<table border="1">
    <tr>
        <td>Use of Video tag</td>
        <td><video width="320" height="240" controls>
            <source src="SPECIALZ.mp4" type="video/mp4">
            Your browser does not support the video tag.
        </video></td>
    </tr>
    <tr>
        <td>Use of Iframe tag</td>
        <td><iframe width="420" height="345" src="https://www.youtube.com/embed/fhzKLBJC3w7si=171hk4w0-cV34umi" frameborder="0"></iframe>
    </tr>
    <tr>
        <td>Use of Object tag</td>
        <td><object width="425" height="350" data="https://www.youtube.com/v/tIBxavsiHzM">
            <param name="movie" value="https://www.youtube.com/v/tIBxavsiHzM">
            <embed src="https://www.youtube.com/v/tIBxavsiHzM" type="application/x-shockwave-flash" width="425" height="350">
        </object></td>
    </tr>
    <tr>
        <td>Use of Object tag for Pdf File</td>
        <td><object data="Chapter01.pdf" type="application/pdf" width="300" height="200">
            <p>PDF cannot be displayed in this browser.</p>
        </object></td>
    </tr>
</table>

```

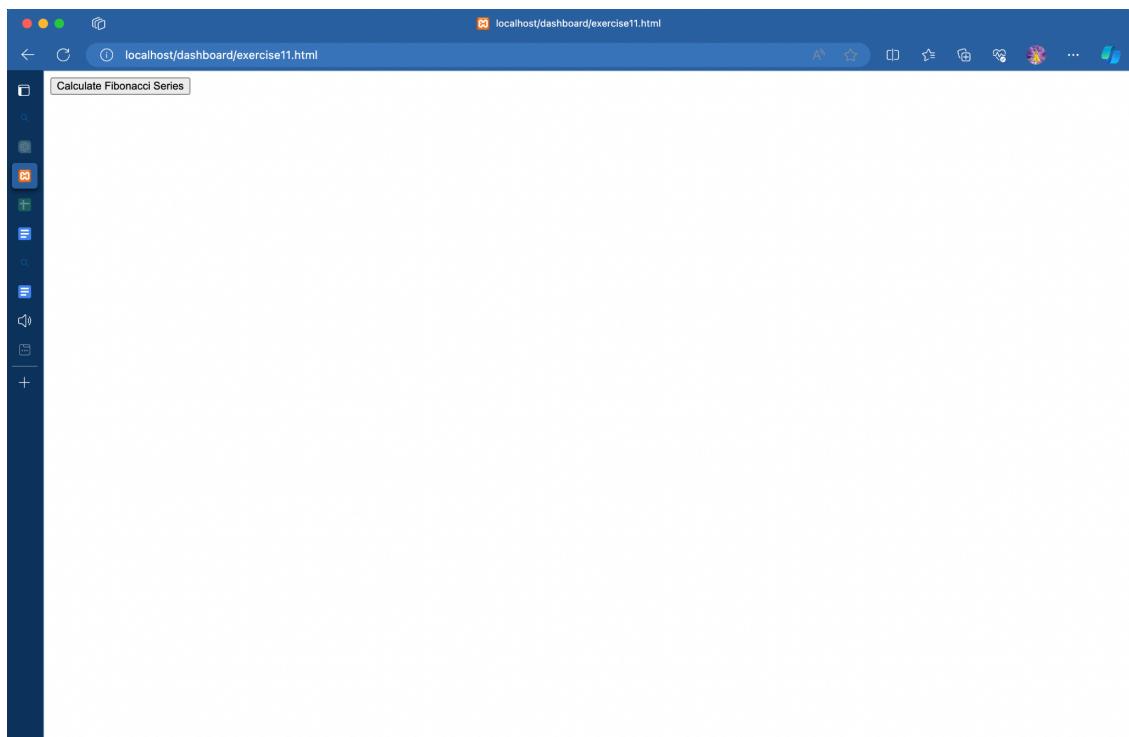
The browser preview shows the following results:

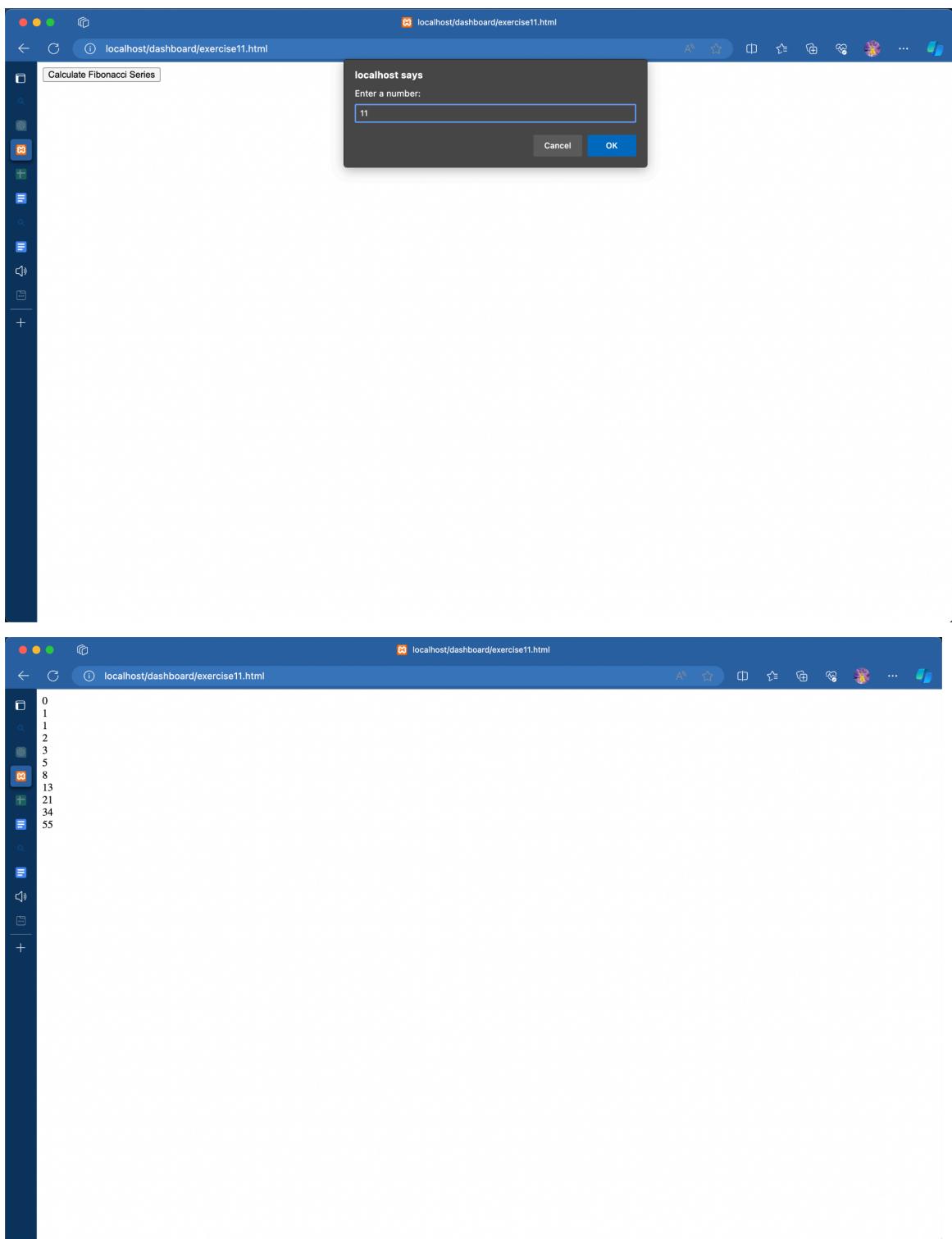
- Content Row 1:** A table with two columns. The first column contains the text "Use of Video tag". The second column contains a video player with the message "Your browser does not support the video tag.".
- Content Row 2:** A table with two columns. The first column contains the text "Use of Iframe tag". The second column contains an empty YouTube iframe.
- Content Row 3:** A table with two columns. The first column contains the text "Use of Object tag". The second column contains a Flash object player with the message "PDF cannot be displayed in this browser.".
- Content Row 4:** A table with two columns. The first column contains the text "Use of Object tag for Pdf File". The second column contains a PDF viewer with the message "PDF cannot be displayed in this browser.".

exercise11



```
1 <html>
2   <head>
3     <script type="text/javascript">
4       function calculateFibonacciSeries(n) {
5         var a = 0, b = 1, c;
6         if (n < 1) return;
7         if (n == 1) return a;
8         document.write(a + "<br />" + b);
9         for (i = 2; i < n; i++) {
10           c = a + b;
11           a = b;
12           b = c;
13           document.write(" <br /> " + c);
14         }
15       }
16     </script>
17   </head>
18   <body>
19     <input type="button" value="Calculate Fibonacci Series" onclick="calculateFibonacciSeries(prompt('Enter a number:'))" />
20   </body>
21 </html>
```





exercise12

The screenshot shows two code editor windows side-by-side.

Top Window (exercise12.html):

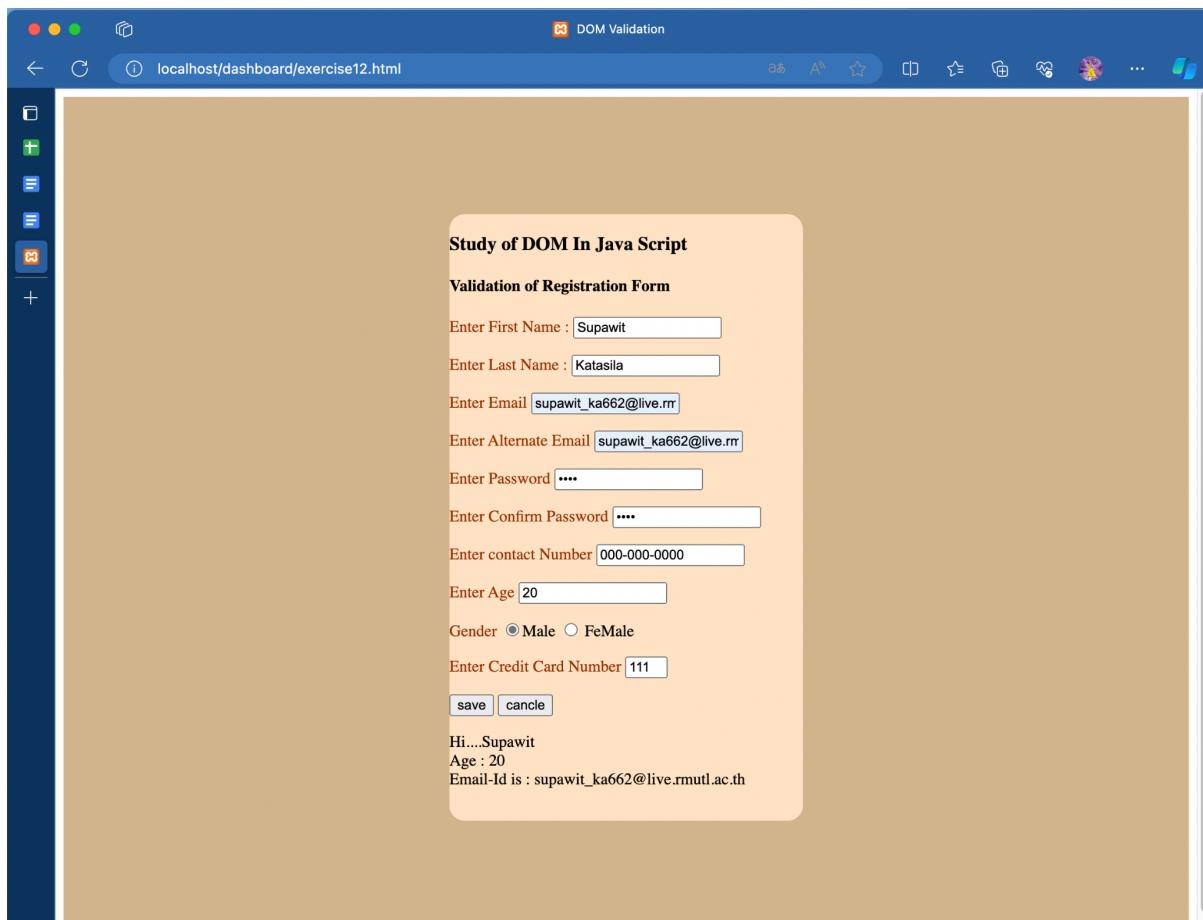
```
1 <html>
2 <head>
3 <title>DOM Validation</title>
4 <script type = "text/javascript">
5
6     function val()
7     {
8         var s=document.f1.name.value;
9         var e=document.f1.age.value;
10        var p=document.f1.pass.value;
11        var g=document.f1.gender.value;
12        var pos=e.indexOf(".");
13        var dotspos=g.indexOf(".");
14        if(pos>=18 && a<=55)
15        {
16            var str=e.substring(pos1,lastdotpos);
17            if(str=="") || str==" " || str==" " || str==" ")
18            {
19                alert("fill all the fields");
20            }
21            if(!((a>18 && a<=55))
22            {
23                alert("You are not eligible,age range should be 18-55"); return true;
24            }
25            if(n.length < 2)
26            {
27                alert("Name Should be greater than 2 char"); return true;
28            }
29            if(p!=p1)
30            {
31                alert("Your Password does not match with Confirm Password");
32                document.forms[0].p.value="";
33                document.forms[0].p1.value="";
34                document.forms[0].p.focus();
35            }
36            if(pos > lastdotpos)
37            {
38                alert("Enter domain name "); return true;
39            }
40            else if(str.length < 5)
41            {
42                alert("Email should have @ and . ");innerHTML="e.g. ravi_singhal3@yahoo.com";
43            }
44            return true;
45        }
46    }
47 </script>
48 </head>
49 <body>
```

Bottom Window (exercise10.html):

```
50 <style>
51     .warp {
52         display: flex;
53         justify-content: center;
54         align-items: center;
55         height: 100vh;
56         background-color: #tan;
57     }
58     .card {
59         width: 350px;
60         height: 600px;
61         background-color: #biscuit;
62         border-radius: 15px; /* Add this line to set the border-radius */
63     }
64     </style>
65     <div class="warp">
66         <div class="card">
67             <h3> Study of DOM In Java Script</h3>
68             <h4> Validation of Registration Form</h4>
69             <form method="post" name="f1">
70                 <p><font color="#993300">Enter First Name :</font>
71                 <input name="name" type="text" />
72                 <p><font color="#993300">Enter Last Name :</font>
73                 <input type="text" placeholder="Enter Last Name" pattern="[a-zA-Z0-9_]{6,12}" title="must be alphanumeric in 6-12 chars" required>
74                 <p><font color="#993300">Enter Email:</font>
75                 <input name="email" type="text" />
76                 <p><font color="#993300">Enter Alternate Email:</font>
77                 <input type="email" placeholder="Enter email address" required>
78             </p>
79             <p><font color="#993300">Enter Password:</font>
80                 <input type="password" name="pass" />
81             <p><font color="#993300">Enter Confirm Password:</font>
82                 <input type="password" name="c_pass" />
83             </p>
84             <p><font color="#993300">Enter contact Number:</font>
85                 <input type="text" name="contact" />
86             </p>
87             <p><font color="#993300">Enter Age:</font>
88                 <input type="text" name="age" />
89             </p>
90             <p><font color="#993300">Gender:</font>
91                 <input type="radio" name="gender" value="Male" checked="checked" />
92                 <input type="radio" name="gender" value="Female" />
93             </p>
94         </div>
95     </div>
96 </body>
```

The screenshot shows a code editor interface with the following details:

- Explorer Panel:** Shows a tree view of files and folders. Under "OPEN EDITORS", "exercise12.html" is selected, displaying its code. Other files listed include exercise7.html, exercise8.html, exercise9.html, exercise10.html, exercise11.html, and exercise12.html.
- Main Editor Area:** Displays the content of "exercise12.html". The code includes form fields for gender (radio buttons for Male and Female), a text input for "Enter Credit Card Number", and a submit button. It also contains a script block with a function named "val()".
- Bottom Status Bar:** Shows the line number (Ln 12, Col 33), spaces used (Spaces: 2), encoding (UTF-8), line feed (LF), and the file type (HTML).



exercise13

The screenshot shows a code editor interface with two open files: `exercise13.xml` and `library.dtd`. The `exercise13.xml` file contains XML code defining a library with books and authors. The `library.dtd` file contains the DTD definition for the XML structure.

```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE Library SYSTEM "library.dtd">
<Library>
  This is a Library XML document with CSS and Validate using external DTD
  <Book Publication="2011" Available="Yes">
    <Id>101</Id>
    <Name>Let Us C</Name>
    <Price>430</Price>
    <Author>
      <Name>Yashwant</Name>
      <Name>Kantkar</Name>
      <Name>Abc</Name>
    </Author>
  </Book>
  <Book Languages="English" Publication="2011" Available="Yes">
    <Id>201</Id>
    <Name>Let Us Cpp</Name>
    <Price>430</Price>
    <Author>
      <Name>Kantkar</Name>
      <Name>Yashwant</Name>
    </Author>
  </Book>
  <Book Publication="2011" Available="Yes">
    <Id>Engineer</Id>
    <Name>ENG102</Name>
    <Price>500</Price>
    <Author>
      <Name>Supwit</Name>
      <Name>Katasila</Name>
      <Name>Raut</Name>
    </Author>
  </Book>
  <Book Publication="2011" Available="Yes">
    <Id>Engineer</Id>
    <Name>ENG101</Name>
    <Price>500</Price>
    <Author>
      <Name>Supwit</Name>
      <Name>Katasila</Name>
      <Name>Raut</Name>
    </Author>
  </Book>
</Library>
```

```
<!ELEMENT Library (#PCDATA|Book)*>
<!ELEMENT Book (Id,BName,Price,Author)>
<!ELEMENT Author (FName|Name*)>
<!ELEMENT FName (#PCDATA)>
<!ELEMENT Name (#PCDATA)>
<!ELEMENT Id (#PCDATA)>
<!ELEMENT Price (#PCDATA)>
<!ATTLIST Book
  Language CDATA #FIXED "English"
  Publication CDATA #REQUIRED
  Available (Yes|No) "No">
```

The screenshot shows a code editor interface with two open files: `exercise13.xml` and `library.dtd`. The `exercise13.xml` file contains XML code defining a library with books and authors. The `library.dtd` file contains the DTD definition for the XML structure.

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      <Name>Kantkar</Name>
      <Name>Abc</Name>
    </Author>
  </Book>
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    <Name>Let Us Cpp</Name>
    <Price>430</Price>
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      <Name>Yashwant</Name>
    </Author>
  </Book>
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    <Price>500</Price>
    <Author>
      <Name>Supwit</Name>
      <Name>Katasila</Name>
      <Name>Raut</Name>
    </Author>
  </Book>
  <Book Publication="2011" Available="Yes">
    <Id>Engineer</Id>
    <Name>ENG101</Name>
    <Price>500</Price>
    <Author>
      <Name>Supwit</Name>
      <Name>Katasila</Name>
      <Name>Raut</Name>
    </Author>
  </Book>
</Library>
```

```
<!ELEMENT Library (#PCDATA|Book)*>
<!ELEMENT Book (Id,BName,Price,Author)>
<!ELEMENT Author (FName|Name*)>
<!ELEMENT FName (#PCDATA)>
<!ELEMENT Name (#PCDATA)>
<!ELEMENT Id (#PCDATA)>
<!ELEMENT Price (#PCDATA)>
<!ATTLIST Book
  Language CDATA #FIXED "English"
  Publication CDATA #REQUIRED
  Available (Yes|No) "No">
```

```
# library_xml.css > BName
1  <!-- body
2    font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
3    background-color: #darksalmon;
4    margin: 0;
5    padding: 0;
6  >
7  <!-- Library
8    max-width: 800px;
9    margin: 20px auto;
10   background-color: #darksalmon;
11   padding: 30px;
12   border-radius: 12px;
13   box-shadow: 0 0 10px #rgb(7, 3, 1);
14 >
15 <!-- BName,Price,Author{
16   display: block;
17   margin-left: 20px;
18   margin-top: 12px;
19   color: #black;
20   font-size: 18px;
21 >
22 <!-- Book{
23   display: block;
24   margin-bottom: 30px;
25   padding: 15px;
26   background-color: #aliceblue;
27   border-radius: 6px;
28   box-shadow: 0 2px 5px #rgb(7, 3, 1);
29   transition: transform 0.3s ease-in-out;
30 >
31 <!-- Bid
32   { color: #tomato; font-size: 24px; font-family: "Monotype Corsiva"; }
33 <!-- BName,Price,Author
34   { display: block;color: #black; margin-left: 20px; }>
```

This is a library XML document with CSS and Validate using external DTD

101
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