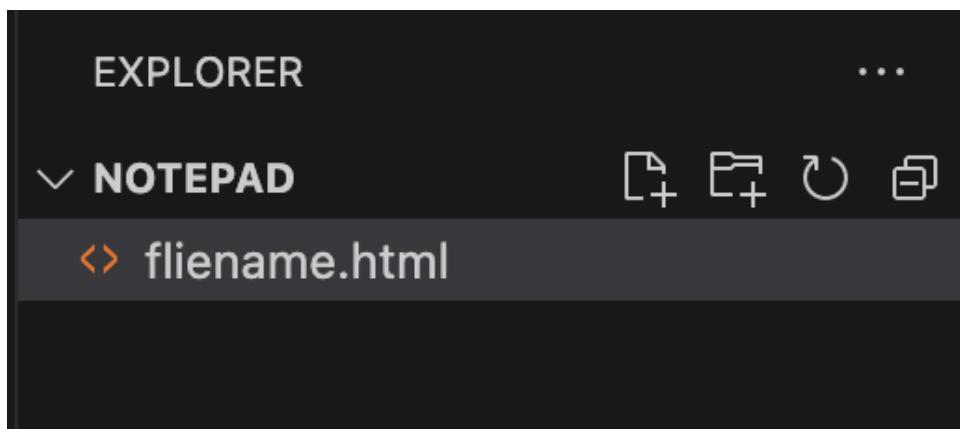
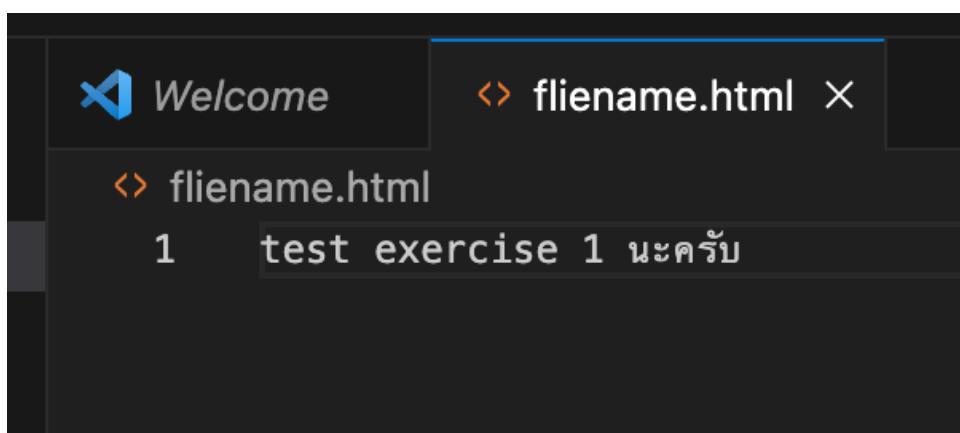


LAB 3

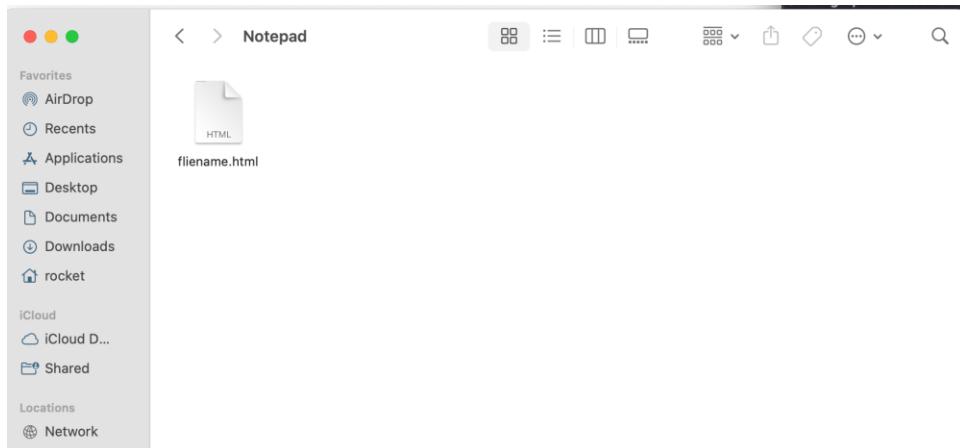
Exercise 1 :



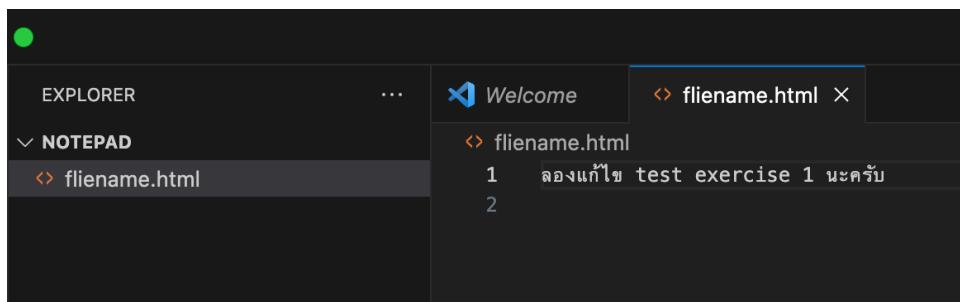
- สร้าง filename.html ในโฟลเดอร์ (Document Source)
- แล้วเปิดไฟล์



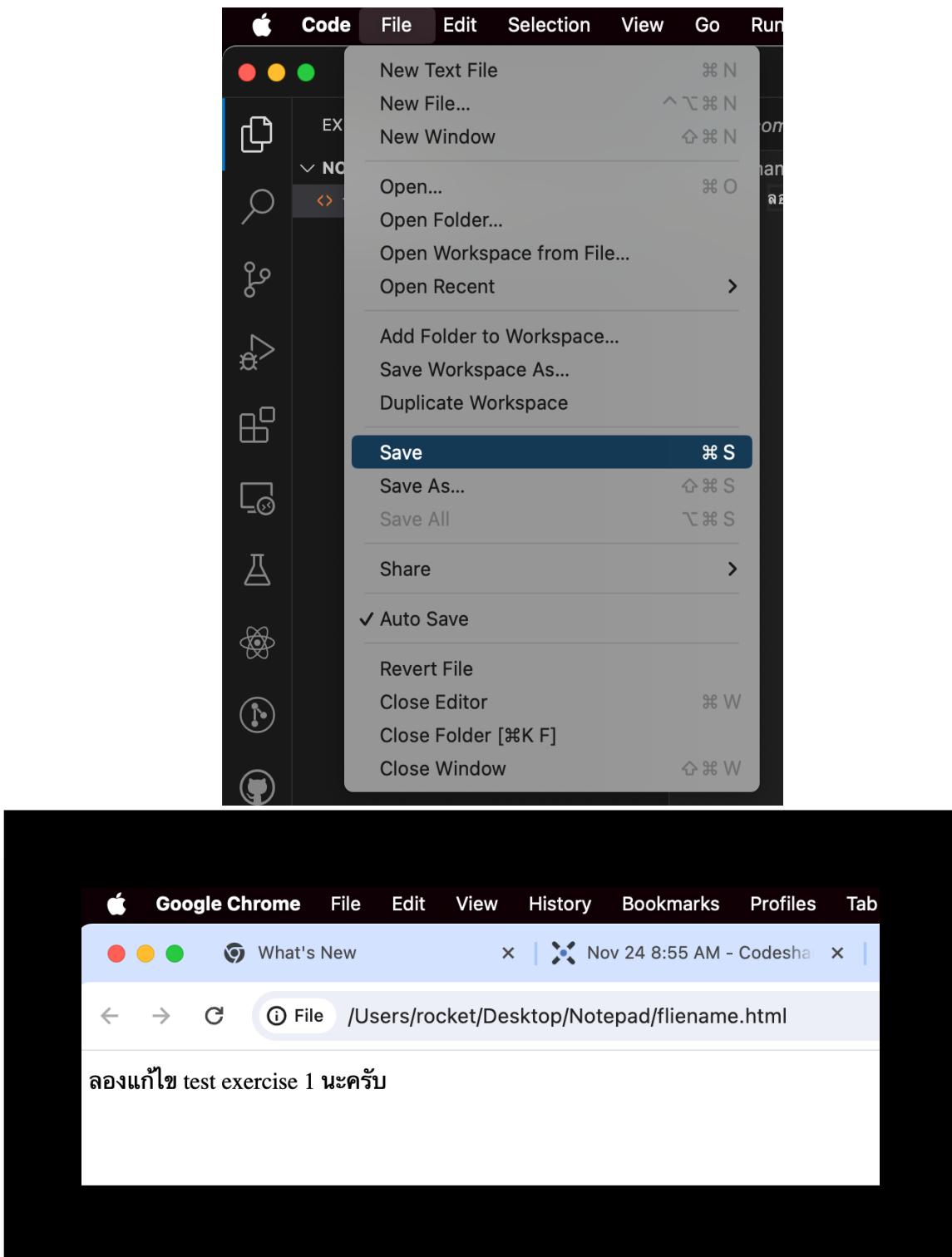
ลองใส่ text อะไรก็ได้เพื่อทดสอบ



เข้าไปเปิดไฟล์เพื่อทดสอบว่าเปิดได้หรือไม่



จากนั้นกลับไปลองแก้ไขไฟล์ และลอง Save ดูว่าข้อมูลอัพเดตใหม่



<http://localhost/Notepad/exercise1.html>

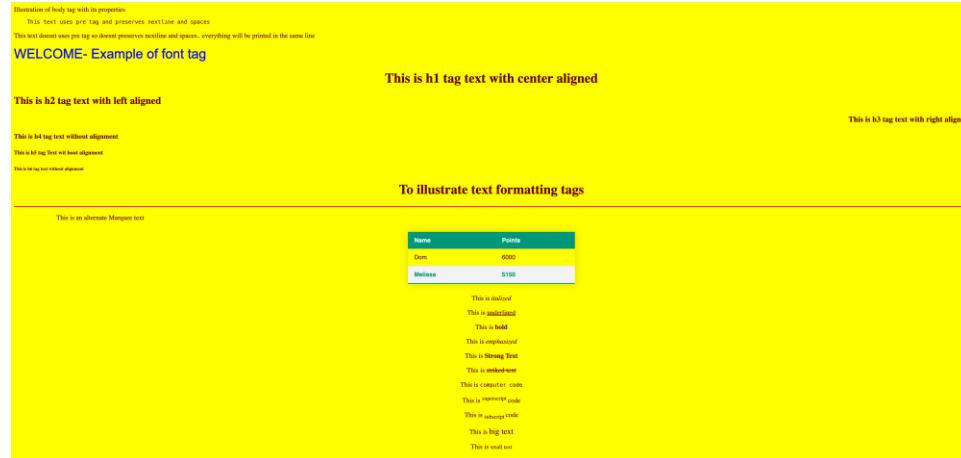
Exercise 2 :

Before:

code

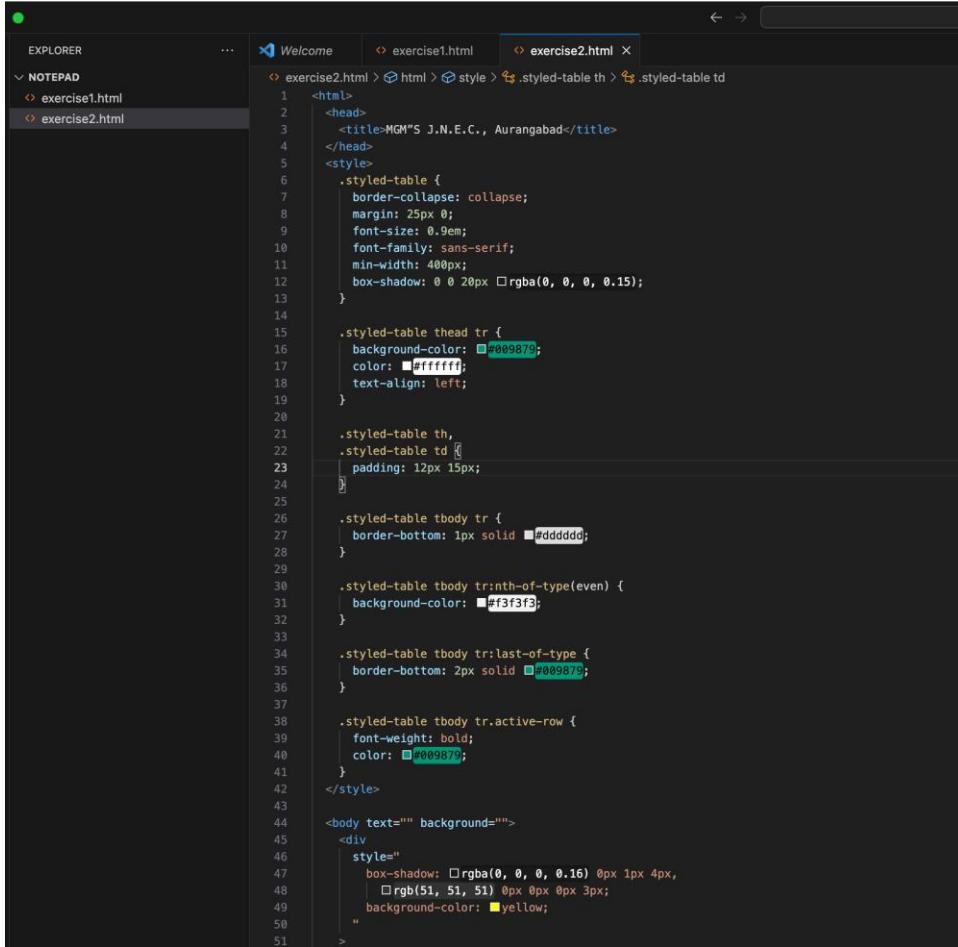
```
exercise2.html > HTML
1  <HTML> <HEAD>
2   <TITLE> MGM'S J.N.E.C., Aurangabad</TITLE>
3   </HEAD>
4   <body text="#660000" bgcolor="yellow" background="..Jellyfish.jpg">
5     Illustration of body tag with its properties
6     <!-- This is a comment -->
7     <pre>
8       This text uses pre tag and preserves nextline and spaces </pre>
9       <p>This text doesn't use pre tag so doesn't preserve nextline and spaces.. everything will be printed
10      in the same line:</p>
11      <font face="arial" size="6" color="blue"> WELCOME- Example of font tag </font>
12      <h1 align="center"> This is h1 tag text with center aligned </h1>
13      <h2 align="left"> This is h2 tag text with left aligned </h2>
14      <h3 align="right"> This is h3 tag text with right aligned </h3>
15      <h4> This is h4 tag text without alignment</h4>
16      <h5> This is h5 tag Text with out alignment </h5>
17      <h6> This is h6 tag text without alignment </h6>
18      <center>
19        <h1 align="center"> To illustrate text formatting tags </h1>
20        <hr color="red">
21        <p> <marquee behavior="scroll" direction="right"> This is an alternate Marquee text</marquee>
22        <p> This is <i> italicized </i> </p>
23        <p> This is <u> underlined </u> </p>
24        <p> This is <b> bold </b> </p>
25        <p> This is <em> emphasized </em> </p>
26        <p> This is <strong> Strong Text </strong> </p>
27        <p> This is <s> striked text </s> </p>
28        <p> This is <code> computer code </code> </p>
29        <p> This is <sup> superscript </sup> code </p>
30        <p> This is <sub> subscript </sub> code </p>
31        <p> This is <big> big text </big> </p>
32        <p> This is <small> small text </small> </p>
33        </center> </body>
34      </html>
```

Output



After:

Code



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

- EXPLORER** sidebar: Shows a tree view under **NOTEPAD** with items **exercise1.html** and **exercise2.html**.
- EDITOR** tab bar: Shows tabs for **Welcome**, **exercise1.html**, and **exercise2.html**. The **exercise2.html** tab is active.
- Code Content:**

```
<html>
  <head>
    <title>MGM'S J.N.E.C., Aurangabad</title>
  </head>
  <style>
    .styled-table {
      border-collapse: collapse;
      margin: 25px 0;
      font-size: 0.9em;
      font-family: sans-serif;
      min-width: 400px;
      box-shadow: 0 0 20px rgba(0, 0, 0, 0.15);
    }

    .styled-table thead tr {
      background-color: #009879;
      color: white;
      text-align: left;
    }

    .styled-table th,
    .styled-table td {
      padding: 12px 15px;
    }

    .styled-table tbody tr {
      border-bottom: 1px solid #dddddd;
    }

    .styled-table tbody tr:nth-of-type(even) {
      background-color: #f3f3f3;
    }

    .styled-table tbody tr:last-of-type {
      border-bottom: 2px solid #009879;
    }

    .styled-table tbody tr.active-row {
      font-weight: bold;
      color: #009879;
    }
  </style>

<body text="" background="">
  <div
    style="
      box-shadow: 0 rgba(0, 0, 0, 0.16) 0px 1px 4px,
      0px 51px 51px 0px 0px 0px 3px;
      background-color: yellow;
    ">
```

```
52     Illustration of body tag with its properties
53     <!-- This is a comment -->
54     <pre>    This text uses pre tag and preserves nextline and spaces </pre>
55     <p>
56         This text doesn't use pre tag so doesn't preserve nextline and spaces..
57         everything will be printed in the same line
58     </p>
59     </div>
60
61     <center>
62         <font face="arial" size="24" color="Red">
63             <strong><u>WELCOME-- Example of font tag</u></strong>
64         </font>
65     </center>
66     <br />
67
68     <h1 align="left" style="color: #blue">
69         This is h1 tag text with center aligned
70     </h1>
71     <h2 align="center" style="color: #green">
72         This is h2 tag text with left aligned
73     </h2>
74     <h3 align="right" style="color: #gray">
75         This is h3 tag text with right aligned
76     </h3>
77     <h4 align="center" style="color: #rgb(255, 0, 0)">
78         This is h4 tag text without alignment
79     </h4>
80     <h5 align="left" style="color: #rgb(247, 157, 1)">
81         This is h5 tag text without alignment
82     </h5>
83     <h6 align="right" style="color: #rgb(242, 16, 174)">
84         This is h6 tag text without alignment
85     </h6>
86
87     <hr color="green" />
88
89     <center>
90         <h1 align="center">To illustrate text formatting tags</h1>
91         <hr color="green" />
92
93         <p>
94             <marquee behavior="scroll" direction="right">
95                 <h1>This is an alternate Marquee text</h1></marquee>
96             >
97         </p>
98
99         <table class="styled-table">
100             <thead>
101                 <tr>
102                     <th>ପ୍ରକାଶକ</th>
103                     <th>ମାତ୍ରମାତ୍ରାକୁଣ୍ଡଲ୍</th>
104                 </tr>
105             </thead>
106             <tbody>
107                 <tr>
```

```

108 |         <td>italic (ตัวหนังสือเอียง)</td>
109 |     </tr><td>italized</td>
110 |
111 |     <tr class="active-row">
112 |         <td>Underline (ตัวหนังสือที่มีเส้นใต้)</td>
113 |         <td><u>underlined</u></td>
114 |
115 |     <tr class="">
116 |         <td>Bold (ตัวหนังสือแข็ง)</td>
117 |         <td><b> bold </b></td>
118 |
119 |     <tr class="active-row">
120 |         <td>Emphasize (ใช้ของข้อความ เช่น การอ่านออกเสียงที่ต่างกัน)</td>
121 |         <td><em> emphasized </em></td>
122 |
123 |     <tr class="">
124 |         <td>
125 |             | Strong text (ตัวความเป็นความหนา
126 |             | ผู้คนใช้เมื่อต้องการให้ความสำคัญของข้อความ)
127 |         </td>
128 |         <td><strong> Strong Text </strong></td>
129 |
130 |     <tr class="active-row">
131 |         <td>
132 |             | Strike text (ใช้ครอบช่องความผิดของกราฟิกเมื่อเดินทาง)
133 |             | (ยกเว้นการพิมพ์)
134 |         </td>
135 |         <td><s> striked text </s></td>
136 |
137 |     <tr class="">
138 |         <td>
139 |             | Code (ครอบช่องความผิดของการซื้อให้หันร้าบเป็นโค้ดของโปรแกรม)
140 |         </td>
141 |         <td><code> computer code </code></td>
142 |
143 |     <tr class="active-row">
144 |         <td>
145 |             | Superscript (ตัวหนังสือช่องความกว้างลับยูรูน
146 |             | กว่าจะตั่งปกติและมีขนาดเล็ก)
147 |         </td>
148 |         <td><sup> superscript </sup> code</td>
149 |
150 |     <tr class="">
151 |         <td>
152 |             | Subscript (ตัวหนังสือช่องความกว้างลับยูรูน
153 |             | ระหว่างตั่งปกติและมีขนาดเล็ก)
154 |         </td>
155 |         <td><sub> subscript </sub> code</td>
156 |
157 |     <tr class="active-row">
158 |         <td>Big text (ตัวหนังสือใหญ่)</td>
159 |         <td><big> big text </big></td>
160 |
161 |     <tr class="">
162 |         <td>Small text (ตัวหนังสือเล็ก)</td>
163 |         <td><small> small text </small></td>
164 |

```

```

164 |         </tr>
165 |         | <!-- and so on... -->
166 |     </tbody>
167 | </table>
168 |
169 |     <marquee behavior="scroll" direction="left"> <h1>อ่านทำไม่ ?</h1></marquee>
170 | </center>
171 | </body>
172 | </html>
173

```

Output



To illustrate text formatting tags

This is an alternate Marquee text

ສົດ	ສະເໜີ
italic (ສົດໄຫວ້າວິທີ)	italic
Underline (ສົດໄຫວ້າວິທີ)	underline
Bold (ສົດໃຫຍ່)	bold
Emphasis (ທີ່ເຫັນເວົາ ຕ່າງໆ ຢ່າງເປັນເປົ້າ)	emphasized
Strong text (ທີ່ເຫັນເວົາ ຕ່າງໆ ສຳເນົາ ແລະ ດັບຕາມເວົາ)	Strong Text
Strike text (ທີ່ເຫັນເວົາ ຕ່າງໆ ສຳເນົາ ແລະ ດັບຕາມເວົາ (ເຊື້ອຕັດ))	stricken text
Code (ເນື້ອມຳນົດທີ່ເກີດຂຶ້ນໃນເວົາ ດ້ວຍຕຸລາ ດ້ວຍຕຸລາ)	computer code
Superscript (ທີ່ເຫັນເວົາ ຕ່າງໆ ສຳເນົາ ແລະ ດັບຕາມເວົາ)	superscript code
Subscript (ທີ່ເຫັນເວົາ ຕ່າງໆ ສຳເນົາ ແລະ ດັບຕາມເວົາ)	subscript code
Big text (ສົດໃຫຍ່)	big text
Small text (ສົດໄຫວ້າ)	small text

ຄ່ານຳໄມ້ ?



WELCOME- Example of font tag

This is h1 tag text with center aligned

This is h2 tag text with left aligned

This is h3 tag text without alignment

This is h3 tag text with right aligned

To illustrate text formatting tags

This is an alternate Marquee text

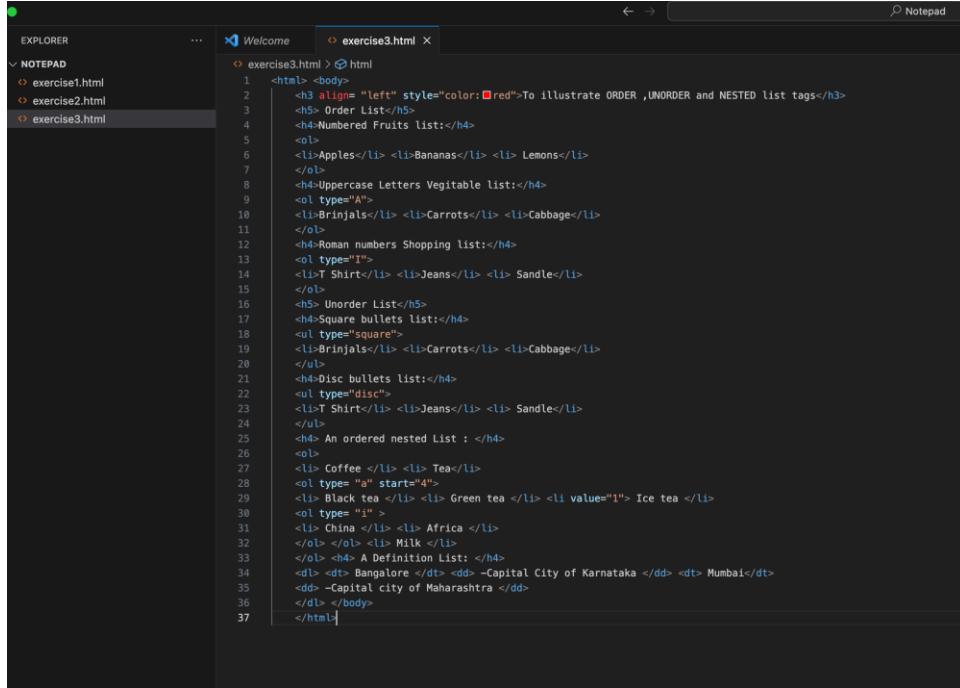
ສົດ	ສະເໜີ
italic (ສົດໄຫວ້າວິທີ)	italic
Underline (ສົດໄຫວ້າວິທີ)	underline
Bold (ສົດໃຫຍ່)	bold
Emphasis (ທີ່ເຫັນເວົາ ຕ່າງໆ ຢ່າງເປັນເປົ້າ)	emphasized
Strong text (ທີ່ເຫັນເວົາ ຕ່າງໆ ສຳເນົາ ແລະ ດັບຕາມເວົາ)	Strong Text
Strike text (ທີ່ເຫັນເວົາ ຕ່າງໆ ສຳເນົາ ແລະ ດັບຕາມເວົາ (ເຊື້ອຕັດ))	stricken text
Code (ເນື້ອມຳນົດທີ່ເກີດຂຶ້ນໃນເວົາ ດ້ວຍຕຸລາ ດ້ວຍຕຸລາ)	computer code
Superscript (ທີ່ເຫັນເວົາ ຕ່າງໆ ສຳເນົາ ແລະ ດັບຕາມເວົາ)	superscript code
Subscript (ທີ່ເຫັນເວົາ ຕ່າງໆ ສຳເນົາ ແລະ ດັບຕາມເວົາ)	subscript code

<http://localhost/Notepad/exercise2.html>

Exercise 3 :

Before :

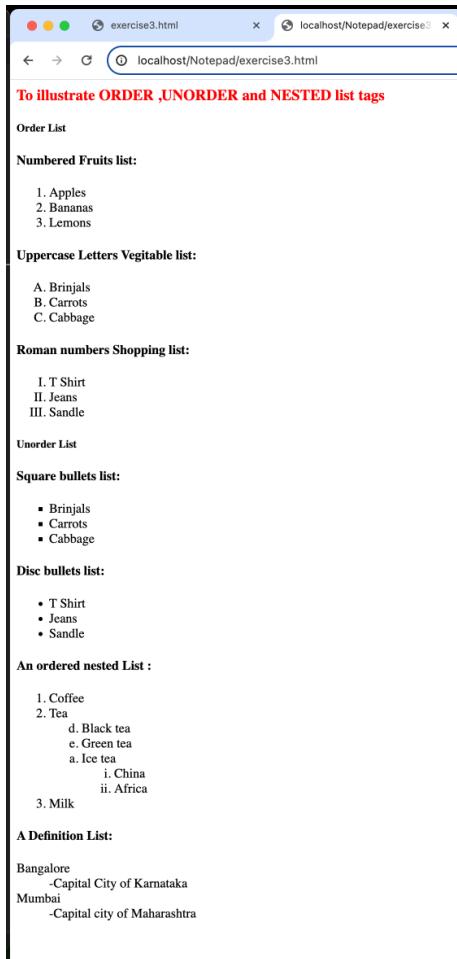
Code



The screenshot shows a code editor window titled "exercise3.html" in the center tab. The left sidebar is labeled "EXPLORER" and shows a tree view under "NOTEPAD" with three files: "exercise1.html", "exercise2.html", and "exercise3.html", where "exercise3.html" is selected. The main editor area contains the following HTML code:

```
1  <html> <body>
2   <h3 align="left" style="color:red">To illustrate ORDER ,UNORDER and NESTED list tags</h3>
3   <h5> Order List</h5>
4   <h4>Numbered Fruits list:</h4>
5   <ol>
6     <li>Apples</li> <li>Bananas</li> <li> Lemons</li>
7   </ol>
8   <h4>Uppercase Letters Vegitable list:</h4>
9   <ol type="A">
10    <li>Orinjals</li> <li>Carrots</li> <li>Cabbage</li>
11   </ol>
12  <h4>Roman numbers Shopping list:</h4>
13  <ol type="I">
14   <li>T Shirt</li> <li>Jeans</li> <li> Sandle</li>
15  </ol>
16  <h5> Unorder List:</h5>
17  <h4>Square bullets list:</h4>
18  <ul type="square">
19   <li>Brinjals</li> <li>Carrots</li> <li>Cabbage</li>
20  </ul>
21  <h4>Disc bullets list:</h4>
22  <ul type="disc">
23   <li>T Shirt</li> <li>Jeans</li> <li> Sandle</li>
24  </ul>
25  <h4> An ordered nested List : </h4>
26  <ol>
27   <li> Coffee </li> <li> Tea</li>
28   <ol type="a" start="4">
29    <li> Black tea </li> <li> Green tea </li> <li value="1"> Ice tea </li>
30   <ol type="i" >
31    <li> China </li> <li> Africa </li>
32   </ol> <ol> <li> Milk </li>
33   </ol> <h4> A Definition List: </h4>
34   <dl> <dt> Bangalore </dt> <dd> -Capital City of Karnataka </dd> <dt> Mumbai</dt>
35   <dd> -Capital city of Maharashtra </dd>
36  </dl> </body>
37  </html>
```

Output :



After :

Code

```
④ exercise3.html > ⚡ html > ⚡ head > ⚡ meta
1   <!DOCTYPE html>
2   <html>
3   <head>
4     <meta charset="utf-8">
5     <title>List Illustration</title>
6     <style>
7       body {
8         font-family: Arial, sans-serif;
9         margin: 20px;
10        padding: 0;
11        background-color: #f8f8f8;
12        color: #333;
13      }
14
15      h3 {
16        color: #e74c3c;
17        text-align: center;
18        margin-top: 20px;
19      }
20
21      h4 {
22        margin-top: 30px;
23        border-bottom: 2px solid #e74c3c;
24        padding-bottom: 5px;
25      }
26
27      ol, ul {
28        margin-left: 20px;
29        padding-left: 20px;
30      }
31
32      dt {
33        font-weight: bold;
34        margin-top: 10px;
35      }
36
37      dd {
38        margin-left: 20px;
39        margin-bottom: 10px;
40      }
41    </style>
42  </head>
43  <body>
44    <h3>To illustrate ORDER, UNORDER, and NESTED list tags</h3>
45
46    <div style="background-color: #fff; padding: 20px; border-radius: 8px; box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);">
47      <h4>Order List</h4>
48
49      <h4>Numbered Fruits list:</h4>
50      <ol>
51        <li>Apples</li>
52        <li>Bananas</li>
53        <li>Lemons</li>
54      </ol>
55    </div>
```

```
56 <h4>Uppercase Letters Vegetable list:</h4>
57 <ol type="A">
58 | <li>Brinjals</li>
59 | <li>Carrots</li>
60 | <li>Cabbage</li>
61 </ol>
62
63 <h4>Roman numbers Shopping list:</h4>
64 <ol type="I">
65 | <li>T Shirt</li>
66 | <li>Jeans</li>
67 | <li>Sandals</li>
68 </ol>
69
70 <h4>Unorder List</h4>
71
72 <h4>Square bullets list:</h4>
73 <ul style="list-style-type: square;">
74 | <li>Brinjals</li>
75 | <li>Carrots</li>
76 | <li>Cabbage</li>
77 </ul>
78
79 <h4>Disc bullets list:</h4>
80 <ul style="list-style-type: disc;">
81 | <li>T Shirt</li>
82 | <li>Jeans</li>
83 | <li>Sandals</li>
84 </ul>
85
86 <h4>An ordered nested List:</h4>
87 <ol>
88 | <li>Coffee</li>
89 | <li>Tea
90 | | <ol type="a" start="4">
91 | | | <li>Black tea</li>
92 | | | <li>Green tea</li>
93 | | | <li value="1">Ice tea
94 | | | | <ol type="i">
95 | | | | | <li>China</li>
96 | | | | | <li>Africa</li>
97 | | | | </ol>
98 | | </li>
99 | </ol>
100 | </li>
101 | <li>Milk</li>
102 </ol>
103
104 <h4>A Definition List:</h4>
105 <dl>
106 | <dt>Bangalore</dt>
107 | <dd>-- Capital City of Karnataka</dd>
108 | <dt>Mumbai</dt>
109 | <dd>-- Capital city of Maharashtra</dd>
110 </dl>
111 </div>
112 </body>
113 </html>
```

Output :

The screenshot shows a web browser window with multiple tabs open. The active tab displays a page titled "To illustrate ORDER, UNORDER, and NESTED list tags". The page content includes several examples of different list types:

- Order List**:
 - Numbered Fruits list:**
 - Apples
 - Bananas
 - Lemons
 - Uppercase Letters Vegetable list:**
 - Broccoli
 - Carrots
 - Cabbage
 - Roman numbers Shopping list:**
 - T Shirt
 - Jeans
 - Sandals

Unorder List:

 - Square bullets list:**
 - Brinjals
 - Carrots
 - Cabbage
 - Disc bullets list:**
 - T Shirt
 - Jeans
 - Sandals

An ordered nested List:

 - Coffee
 - Tea
 - Black tea
 - Green tea
 - Red tea
 - China
 - Africa
 - Milk

A Definition List:

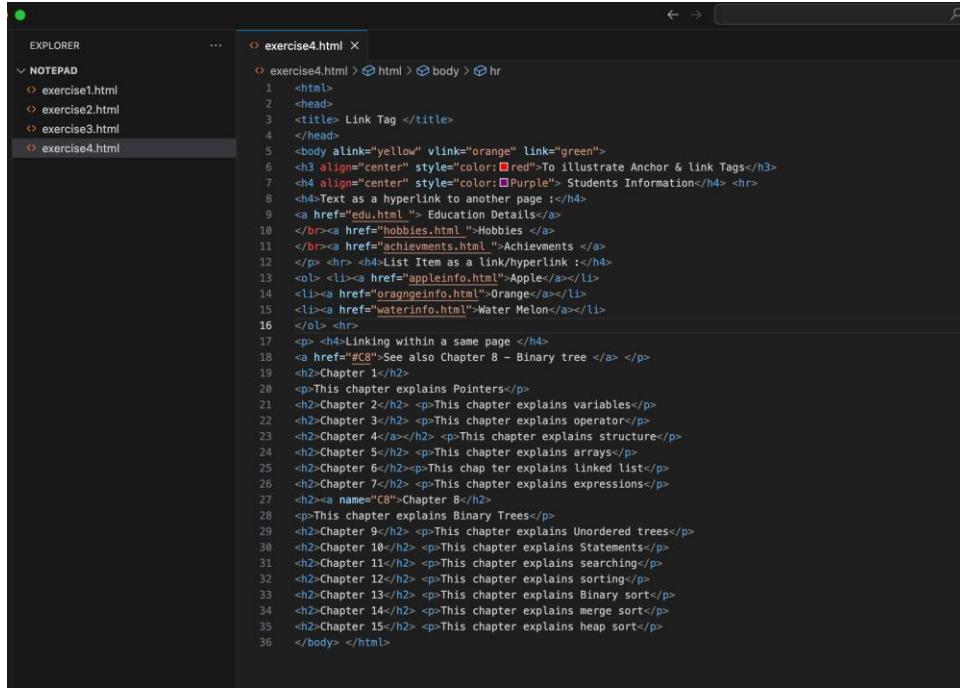
 - Bangalore
 - Capital City of Karnataka
 - Mumbai
 - Capital city of Maharashtra

<http://localhost/Notepad/exercise3.html>

Exercise 4 :

Before :

Code :



The screenshot shows a code editor window with the title bar "exercise4.html". The left sidebar is labeled "NOTEPAD" and lists several files: exercise1.html, exercise2.html, exercise3.html, and exercise4.html, with exercise4.html currently selected. The main pane displays the following HTML code:

```
1 <html>
2 <head>
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"> Students Information:</h4> <hr>
8 <h4>Text as a hyperlink to another page :</h4>
9 <a href="edu.html"> Education Details</a>
10 <br><a href="hobbies.html">Hobbies </a>
11 <br><a href="achievements.html">Achievements </a>
12 </p> <hr> <h4>Item as a link/hyperlink :</h4>
13 <ol><li><a href="appleinfo.html">Apple</a></li>
14 <li><a href="orangeinfo.html">Orange</a></li>
15 <li><a href="waterinfo.html">Water Melon</a></li>
16 </ol> <br>
17 <p> <h4>Linking within a same page </h4>
18 <a href="#C8">See also Chapter 8 - Binary tree </a> </p>
19 <h2>Chapter 1</h2>
20 <p>This chapter explains Pointers</p>
21 <h2>Chapter 2</h2> <p>This chapter explains variables</p>
22 <h2>Chapter 3</h2> <p>This chapter explains operator</p>
23 <h2>Chapter 4</h2> <p>This chapter explains structure</p>
24 <h2>Chapter 5</h2> <p>This chapter explains arrays</p>
25 <h2>Chapter 6</h2><p>This chapter explains linked list</p>
26 <h2>Chapter 7</h2> <p>This chapter explains expressions</p>
27 <h2>4 name="C8">Chapter 8</h2>
28 <p>This chapter explains Binary Trees</p>
29 <h2>Chapter 9</h2> <p>This chapter explains Unordered trees</p>
30 <h2>Chapter 10</h2> <p>This chapter explains Statements</p>
31 <h2>Chapter 11</h2> <p>This chapter explains searching</p>
32 <h2>Chapter 12</h2> <p>This chapter explains sorting</p>
33 <h2>Chapter 13</h2> <p>This chapter explains Binary sort</p>
34 <h2>Chapter 14</h2> <p>This chapter explains merge sort</p>
35 <h2>Chapter 15</h2> <p>This chapter explains heap sort</p>
36 </body> </html>
```

Output :

To illustrate Anchor & link Tags

Students Information

Text as a hyperlink to another page :

[Education Details](#)
[Hobbies](#)
[Achievements](#)

List Item as a link/hyperlink :

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

Linking within a same page

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

Chapter 1
This chapter explains Pointers

Chapter 2
This chapter explains variables

Chapter 3
This chapter explains operator

Chapter 4
This chapter explains structure

Chapter 5
This chapter explains arrays

Chapter 6
This chapter explains linked list

Chapter 7
This chapter explains expressions

Chapter 8
This chapter explains Binary Trees

Chapter 9

Chapter 9

This chapter explains Unordered trees

Chapter 10

This chapter explains Statements

Chapter 11

This chapter explains searching

Chapter 12

This chapter explains sorting

Chapter 13

This chapter explains Binary sort

Chapter 14

This chapter explains merge sort

Chapter 15

This chapter explains heap sort

After :

Code :

EXPLORER ...

NOTEPAD

- > exercise4
- ▷ exercise1.html
- ▷ exercise2.html
- ▷ exercise3.html

exercise4.html

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <title>Link Tag</title>
6   <style>
7     body {
8       font-family: Arial, sans-serif;
9       margin: 20px;
10      background-color: #f8f8f8;
11    }
12    h3 {
13      text-align: center;
14      color: red;
15    }
16    h4 {
17      text-align: center;
18      color: purple;
19      margin-bottom: 10px;
20    }
21    hr {
22      border: 1px solid #ccc;
23    }
24    a {
25      color: green;
26      text-decoration: none;
27      margin-right: 10px;
28    }
29    a:hover {
30      color: orange;
31    }
32    h2 {
33      color: #333;
34      margin-top: 20px;
35    }
36    p {
37      margin-bottom: 15px;
38    }
39  </style>
40 </head>
41 <body alink="yellow" vlink="orange" link="green">
42   <h2>To illustrate Anchor & link Tags</h2>
43   <h4>Students Information</h4>
44   <hr>
45
46   <h4>Text as a hyperlink to another page:</h4>
47   <p>
48     <a href="edu.html">Education Details</a>
49     <br>
50     <a href="hobbies.html">Hobbies</a>
51     <br>
52     <a href="achievements.html">Achievements</a>
53   </p>
54   <hr>
55
56   <h4>List Item as a link/hyperlink :</h4>
57   <ol>
58     <li><a href="appleinfo.html">Apple</a></li>
```

> OUTLINE

> TIMELINE

```

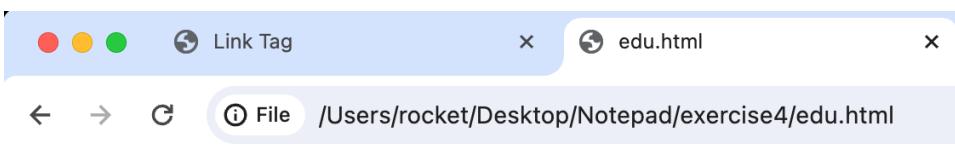
56 <h4>List Item as a link/hyperlink :</h4>
57 <ol>
58   <li><a href="appleinfo.html">Apple</a></li>
59   <li><a href="orangeinfo.html">Orange</a></li>
60   <li><a href="waterinfo.html">Water Melon</a></li>
61 </ol>
62 <hr>
63
64 <h4>Linking within the same page:</h4>
65 <pre>
66   <a href="#C1">Chapter 1 - Pointers</a>
67   <a href="#C2">Chapter 2 - Variables</a>
68   <a href="#C3">Chapter 3 - Operators</a>
69   <a href="#C4">Chapter 4 - Structures</a>
70   <a href="#C5">Chapter 5 - Arrays</a>
71   <a href="#C6">Chapter 6 - Linked Lists</a>
72   <a href="#C7">Chapter 7 - Expressions</a>
73   <a href="#C8">Chapter 8 - Binary Tree</a>
74   <a href="#C9">Chapter 9 - Unordered Trees</a>
75   <a href="#C10">Chapter 10 - Statements</a>
76   <a href="#C11">Chapter 11 - Searching</a>
77   <a href="#C12">Chapter 12 - Sorting</a>
78   <a href="#C13">Chapter 13 - Binary Sort</a>
79   <a href="#C14">Chapter 14 - Merge Sort</a>
80   <a href="#C15">Chapter 15 - Heap Sort</a>
81 </pre>
82
83 <h2><a name="C1">Chapter 1</a></h2><p>This chapter explains Pointers</p>
84 <h2><a name="C2">Chapter 2</a></h2><p>This chapter explains Variables</p>
85 <h2><a name="C3">Chapter 3</a></h2><p>This chapter explains operator</p>
86 <h2><a name="C4">Chapter 4</a></h2><p>This chapter explains structure</p>
87 <h2><a name="C5">Chapter 5</a></h2><p>This chapter explains arrays</p>
88 <h2><a name="C6">Chapter 6</a></h2><p>This chapter explains linked list</p>
89 <h2><a name="C7">Chapter 7</a></h2><p>This chapter explains expressions</p>
90 <h2><a name="C8">Chapter 8</a></h2><p>This chapter explains Binary Trees</p>
91 <h2><a name="C9">Chapter 9</a></h2><p>This chapter explains Unordered trees</p>
92 <h2><a name="C10">Chapter 10</a></h2><p>This chapter explains Statements</p>
93 <h2><a name="C11">Chapter 11</a></h2><p>This chapter explains searching</p>
94 <h2><a name="C12">Chapter 12</a></h2><p>This chapter explains sorting</p>
95 <h2><a name="C13">Chapter 13</a></h2><p>This chapter explains Binary sort</p>
96 <h2><a name="C14">Chapter 14</a></h2><p>This chapter explains merge sort</p>
97 <h2><a name="C15">Chapter 15</a></h2><p>This chapter explains heap sort</p>
98
99 </body>
100 </html>

```

Output :

Chapter 5	This chapter explains arrays
Chapter 6	This chapter explains linked list
Chapter 7	This chapter explains expressions
Chapter 8	This chapter explains Binary Tree
Chapter 9	This chapter explains Unordered trees
Chapter 10	This chapter explains Statements
Chapter 11	This chapter explains searching
Chapter 12	This chapter explains sorting
Chapter 13	This chapter explains Binary sort
Chapter 14	This chapter explains merge sort
Chapter 15	This chapter explains heap sort

ทดสอบ link ไปหน้าอื่น edu.html



Education

Oragngeinfo.html



Orange

Link ไปยังหน้าเดียวกัน เช่น กดไปที่ chapter 12

This screenshot shows a list of chapters from Chapter 3 to Chapter 15. Each chapter is listed with a brief description of what it explains.

Chapter	Description
Chapter 3	This chapter explains operator
Chapter 4	This chapter explains structure
Chapter 5	This chapter explains arrays
Chapter 6	This chapter explains linked list
Chapter 7	This chapter explains expressions
Chapter 8	This chapter explains Binary Trees
Chapter 9	This chapter explains Unordered trees
Chapter 10	This chapter explains Statements
Chapter 11	This chapter explains searching
Chapter 12	This chapter explains sorting
Chapter 13	This chapter explains Binary sort
Chapter 14	This chapter explains merge sort
Chapter 15	This chapter explains heap sort

Link Tag

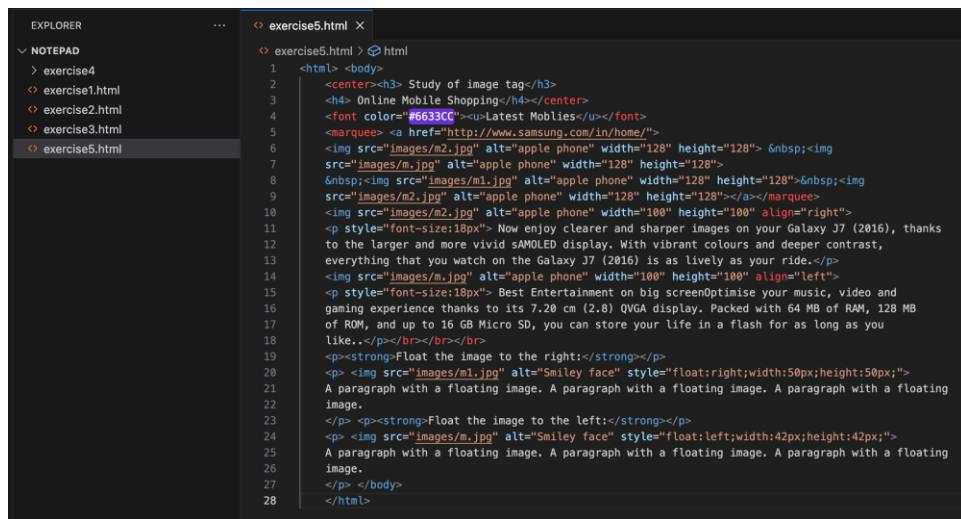
oragngeinfo.html

localhost/Notepad/exercise4/exercise4.html#C12

Exercise 5 :

Before

Code :



```
EXPLORER ... exercise5.html X
NOTEPAD
> exercise4
▷ exercise1.html
▷ exercise2.html
▷ exercise3.html
▷ exercise5.html

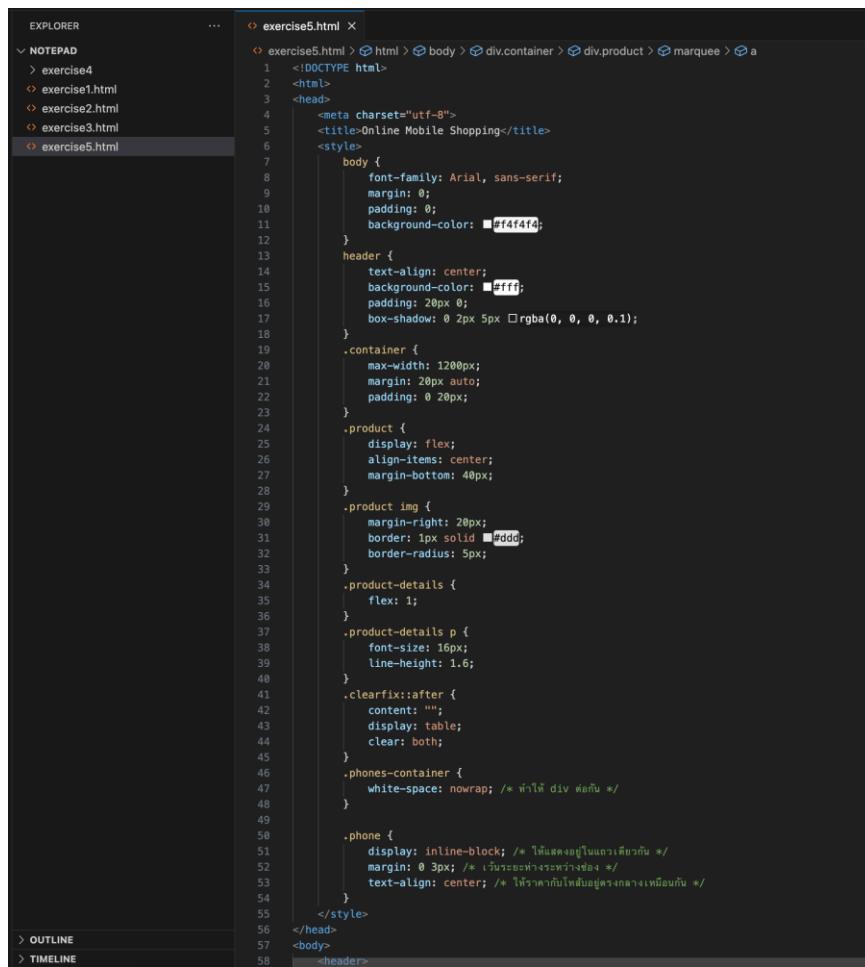
exercise5.html > html
1  <html> <body>
2   <center><h3> Study of image tag</h3>
3   <h4> Online Mobile Shopping</h4></center>
4   <font color="#6633CC"><u>Latest Mobiles</u></font>
5   <marquee> <a href="http://www.samsung.com/in/home/">
6     &ampnbsp&ampnbsp&ampnbsp&ampnbsp</a></marquee>
10  
11  <p style="font-size:18px"> Now enjoy clearer and sharper images on your Galaxy J7 (2016), thanks
12  to the larger and more vivid sAMOLED display. With vibrant colours and deeper contrast,
13  everything that you watch on the Galaxy J7 (2016) is as lively as your ride.</p>
14  
15  <p style="font-size:18px"> Best Entertainment on big screenOptimise your music, video and
16  gaming experience thanks to its 7.20 cm (2.8) QVGA display. Packed with 64 MB of RAM, 128 MB
17  of ROM, and up to 16 GB Micro SD, you can store your life in a flash for as long as you
18  like.</p><br><br><br>
19  <p><strong>Float the image to the right:</strong></p>
20  <p> 
21  A paragraph with a floating image. A paragraph with a floating image. A paragraph with a floating
22  image.
23  </p> <p><strong>Float the image to the left:</strong></p>
24  <p> 
25  A paragraph with a floating image. A paragraph with a floating image. A paragraph with a floating
26  image.
27  </p> </body>
28  </html>
```

Output :



After

Code :



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

- EXPLORER** sidebar on the left containing files: NOTEPAD, exercise4, exercise1.html, exercise2.html, exercise3.html, and exercise5.html.
- exercise5.html** file is open in the main editor area.
- Content of exercise5.html:**

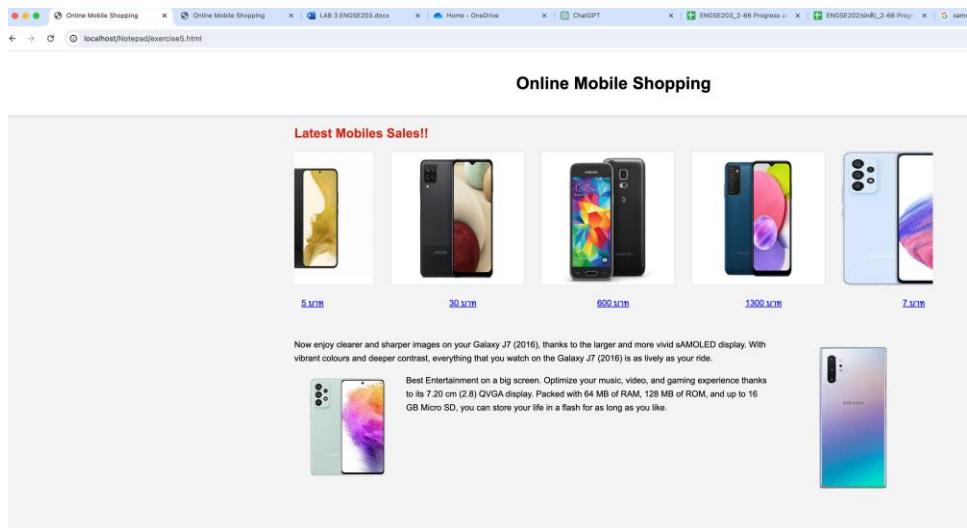
```
<!DOCTYPE html>
<html>
<head>
    <meta charset="utf-8">
    <title>Online Mobile Shopping</title>
    <style>
        body {
            font-family: Arial, sans-serif;
            margin: 0;
            padding: 0;
            background-color: #f4f4f4;
        }
        header {
            text-align: center;
            background-color: #ffff;
            padding: 20px 0;
            box-shadow: 0 2px 5px rgba(0, 0, 0, 0.1);
        }
        .container {
            max-width: 1200px;
            margin: 20px auto;
            padding: 0 20px;
        }
        .product {
            display: flex;
            align-items: center;
            margin-bottom: 40px;
        }
        .product img {
            margin-right: 20px;
            border: 1px solid #ddd;
            border-radius: 5px;
        }
        .product-details {
            flex: 1;
        }
        .product-details p {
            font-size: 16px;
            line-height: 1.6;
        }
        .clearfix::after {
            content: "";
            display: table;
            clear: both;
        }
        .phones-container {
            white-space: nowrap; /* ทำให้ div 重叠 */
        }
        .phone {
            display: inline-block; /* ให้สมดุลในแนวนอน */
            margin: 0 5px; /* ห่างจากตัวอักษร 5px */
            text-align: center; /* ให้รูปภาพที่พื้นที่ของแต่ละรูป */
        }
    </style>
</head>
<body>
    <header>
```

```

58 <header>
59   <h1>Online Mobile Shopping</h1>
60 </header>
61 <div class="container">
62   <h2 style="color: #E74CAF;">Latest Mobiles <strong>Sales!!</strong></h2>
63   <div class="phones" style="display: flex; justify-content: space-around; align-items: center; margin-bottom: 10px;">
64     <div style="text-align: center; border: 1px solid black; padding: 5px; border-radius: 10px;">
65       <a href="http://www.samsung.com/in/home/">
66         <img alt="Samsung Galaxy S22" data-bbox="338 148 618 161" style="width: 150px; height: 150px; border-radius: 10px;"/>
67         <p>Follow link (mdm + click)</p>
68         <p href="http://www.samsung.com/in/home/">View Details</p>
69       </a>
70     </div>
71   </div>
72   <div class="phones" style="display: flex; justify-content: space-around; align-items: center; margin-bottom: 10px;">
73     <div style="text-align: center; border: 1px solid black; padding: 5px; border-radius: 10px;">
74       <a href="http://www.samsung.com/in/home/">
75         <img alt="Samsung Galaxy A12" data-bbox="338 178 618 191" style="width: 150px; height: 150px; border-radius: 10px;"/>
76         <p>Follow link (mdm + click)</p>
77         <p href="http://www.samsung.com/in/home/">View Details</p>
78       </a>
79     </div>
80   </div>
81   <div class="phones" style="display: flex; justify-content: space-around; align-items: center; margin-bottom: 10px;">
82     <div style="text-align: center; border: 1px solid black; padding: 5px; border-radius: 10px;">
83       <a href="http://www.samsung.com/in/home/">
84         <img alt="Samsung Galaxy S5 Mini" data-bbox="338 208 618 221" style="width: 150px; height: 150px; border-radius: 10px;"/>
85         <p>Follow link (mdm + click)</p>
86         <p href="http://www.samsung.com/in/home/">View Details</p>
87       </a>
88     </div>
89   </div>
90   <div class="phones" style="display: flex; justify-content: space-around; align-items: center; margin-bottom: 10px;">
91     <div style="text-align: center; border: 1px solid black; padding: 5px; border-radius: 10px;">
92       <a href="http://www.samsung.com/in/home/">
93         <img alt="Samsung Galaxy A83" data-bbox="338 238 618 251" style="width: 150px; height: 150px; border-radius: 10px;"/>
94         <p>Follow link (mdm + click)</p>
95         <p href="http://www.samsung.com/in/home/">View Details</p>
96       </a>
97     </div>
98   </div>
99   <div class="phones" style="display: flex; justify-content: space-around; align-items: center; margin-bottom: 10px;">
100    <div style="text-align: center; border: 1px solid black; padding: 5px; border-radius: 10px;">
101      <a href="http://www.samsung.com/in/home/">
102        <img alt="Samsung Galaxy A53" data-bbox="338 268 618 281" style="width: 150px; height: 150px; border-radius: 10px;"/>
103        <p>Follow link (mdm + click)</p>
104        <p href="http://www.samsung.com/in/home/">View Details</p>
105      </a>
106    </div>
107  </div>
108  <div class="product-details">
109    <div style="display: flex; justify-content: space-between; align-items: center; margin-bottom: 10px;">
110      <img alt="Samsung Galaxy S55" data-bbox="338 298 618 311" style="width: 150px; height: 150px; border-radius: 10px;"/>
111      <p>Now enjoy clearer and sharper images on your Galaxy J7 (2016), thanks to the larger and more vivid sAMOLED display. With vibrant colours and deeper contrast, everything that you watch on the Galaxy J7 (2016) is as lively as your ride.</p>
112    </div>
113    <div style="display: flex; justify-content: space-between; align-items: center; margin-bottom: 10px;">
114      <img alt="Samsung Galaxy AAA" data-bbox="338 328 618 341" style="width: 150px; height: 150px; border-radius: 10px;"/>
115      <p>Best Entertainment on a big screen. Optimize your music, video, and gaming experience thanks to its 7.20 cm (2.8) QVGA display. Packed with 64 MB of RAM, 128 MB of ROM, and up to 16 GB Micro SD, you can store your life in a flash for as long as you like.</p>
116    </div>
117    <div style="display: flex; justify-content: space-between; align-items: center; margin-bottom: 10px;">
118      <img alt="Samsung Galaxy 5.7" data-bbox="338 358 618 371" style="width: 150px; height: 150px; border-radius: 10px;"/>
119      <p>Now enjoy clearer and sharper images on your Galaxy J7 (2016), thanks to the larger and more vivid sAMOLED display. With vibrant colours and deeper contrast, everything that you watch on the Galaxy J7 (2016) is as lively as your ride.</p>
120    </div>
121    <div style="display: flex; justify-content: space-between; align-items: center; margin-bottom: 10px;">
122      <img alt="Samsung Galaxy 6.0" data-bbox="338 388 618 401" style="width: 150px; height: 150px; border-radius: 10px;"/>
123      <p>Now enjoy clearer and sharper images on your Galaxy J7 (2016), thanks to the larger and more vivid sAMOLED display. With vibrant colours and deeper contrast, everything that you watch on the Galaxy J7 (2016) is as lively as your ride.</p>
124    </div>
125    <div style="display: flex; justify-content: space-between; align-items: center; margin-bottom: 10px;">
126      <img alt="Samsung Galaxy 6.5" data-bbox="338 418 618 431" style="width: 150px; height: 150px; border-radius: 10px;"/>
127      <p>Now enjoy clearer and sharper images on your Galaxy J7 (2016), thanks to the larger and more vivid sAMOLED display. With vibrant colours and deeper contrast, everything that you watch on the Galaxy J7 (2016) is as lively as your ride.</p>
128    </div>
129    <div style="display: flex; justify-content: space-between; align-items: center; margin-bottom: 10px;">
130      <img alt="Samsung Galaxy 7.0" data-bbox="338 448 618 461" style="width: 150px; height: 150px; border-radius: 10px;"/>
131      <p>Now enjoy clearer and sharper images on your Galaxy J7 (2016), thanks to the larger and more vivid sAMOLED display. With vibrant colours and deeper contrast, everything that you watch on the Galaxy J7 (2016) is as lively as your ride.</p>
132    </div>
133  </div>

```

Output :



<http://localhost/Notepad/exercise5.html>

Exercise 6

Before

Code :



The screenshot shows the file structure of `exercise6.html`. The left sidebar lists files: `NOTEPAD`, `exercise4`, `exercise6`, `exercise6.html` (selected), `Leftframe.html`, `Rightframe.html`, `Topframe.html`, `exercise1.html`, and `exercise2.html`. The main content area displays the code for `exercise6.html`:

```
exercise6 > exercise6.html > html
1  <html> <head>
2    <frameset rows="25%,*"
3      <frame src="topframe.html" name="f1" scrolling="no" frameborder="1" bordercolor="#330033" >
4      <frameset cols="20%,*"
5        <frame src="leftframe.html" name="f2" scrolling="no" frameborder="no" >
6        <frame src="rightframe.html" name="f3" scrolling="no" frameborder="no" >
7      </frameset>
8    </frameset>
9  </head> </html>
```

Exercise6.html

EXPLORER

...

NOTEPAD	exercise4
exercise6	exercise6.html
exercise6.html	Leftframe.html
Leftframe.html	Rightframe.html
Rightframe.html	Topframe.html
Topframe.html	exercise1.html
exercise1.html	exercise2.html
exercise2.html	exercise3.html
exercise3.html	exercise5.html
exercise5.html	exercise6.html

exercise6 > Topframe.html > `index.html`

```
1  <html> <body>
2      <p> 
3          <h1 align="center">Online Book Store</h1> <br> <p>
4              <h2>&nbsp;&nbsp;&nbsp;&nbsp;</h2>
5              <a href="homepage.html" target="_parent">Home</a>
6                  &nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;
7                  <a href="login.html" target="f3">login</a>
8                      &nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;
9                      <a href="registration.html" target="f3">Registration</a>
10                     &nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;
11                     <a href="catalogue.html" target="f3">Catalogue</a>
12                         &nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;
13                         <a href="cart.html" target="f3">Cart</a>&nbsp; </h2> </p>
14             </body> </html>
```

Topframe.html

The screenshot shows the Visual Studio Code interface. The Explorer sidebar on the left lists files: 'NOTEPAD' (with 'exercise4' and 'exercise6' under it), 'Leftframe.html', and 'Rightframe.html'. The Editor tab bar at the top has tabs for 'exercise6.html', 'Topframe.html', 'Leftframe.html' (which is currently active), and 'Rightframe.html'. The main editor area displays the content of 'Leftframe.html'.

```
exercise6 > Leftframe.html > html
1   <html> <body>
2     <a href="cse.html" target="f3"><h3>CSE</h3></a><br><br>
3     <a href="ece.html" target="f3"><h3>ECE</h3></a><br><br><br>
4     <a href="eee.html" target="f3"><h3>EEE</h3></a><br><br>
5     <a href="civil.html" target="f3"><h3>Civil</h3></a>
6   </body> </html>
```

Leftframe.html

EXPLORER

NOTEPAD

- > exercise4
- < exercise6
 - exercise6.html
 - Leftframe.html
 - Rightframe.html
 - Topframe.html
 - exercise1.html
 - exercise2.html

... exercise6.html Topframe.html Leftframe.html Rightframe.html

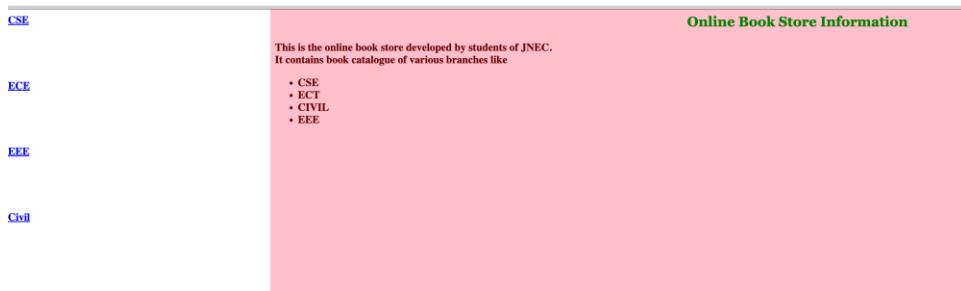
```

1 <html> <body bgcolor="pink"> <p>
2   <h2 align="center"><font face="Georgia, Times New Roman, Times, serif" color="green">Online
3     Book Store Information</font></h2>
4   <h3><font face="monotypecorsiva" color="#660000">This is the online book store developed by
5     students of JNEC.
6   <br />It contains book catalogue of various branches like <ul><li> CSE</li>
7     <li>ECE</li><li>CIVIL</li><li>EEE</li></ul></font></h3>
8   </body> </html>
9

```

Rightframe.html

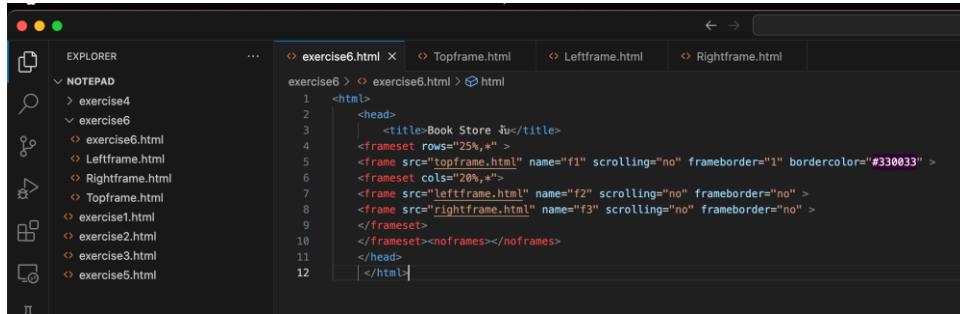
Output :



<http://localhost/Notepad/exercise6/exercise6.html>

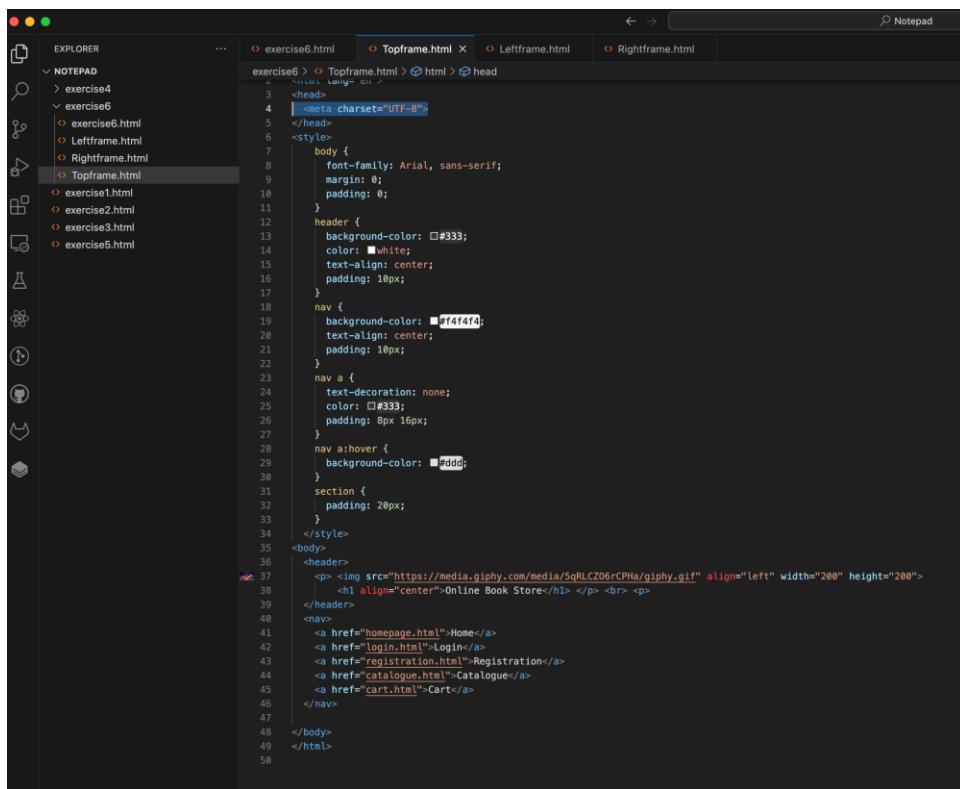
After

Code :



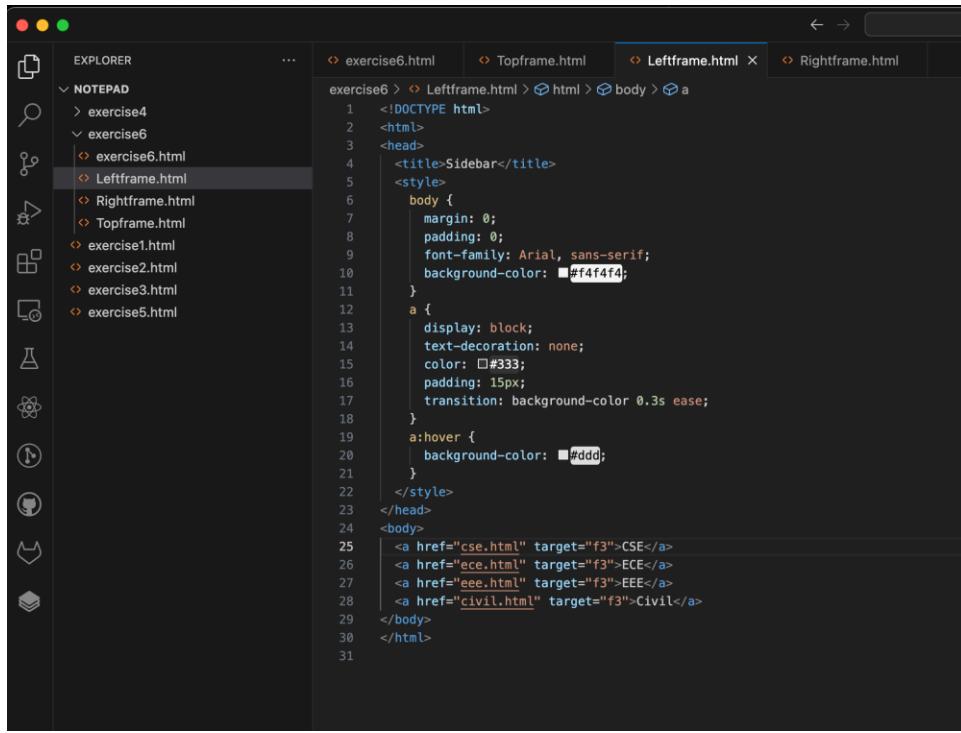
```
<html>
<head>
    <title>Book Store &lt;/title>
<frameset rows="25%,*">
    <frame src="topframe.html" name="f1" scrolling="no" frameborder="1" bordercolor="#330033" >
    <frameset cols="20%,*">
        <frame src="leftframe.html" name="f2" scrolling="no" frameborder="no" >
        <frame src="rightframe.html" name="f3" scrolling="no" frameborder="no" >
    </frameset>
</frameset><noframes></noframes>
```

Exercise6.html



```
<meta charset="UTF-8">
<style>
    body {
        font-family: Arial, sans-serif;
        margin: 0;
        padding: 0;
    }
    header {
        background-color: #333;
        color: white;
        text-align: center;
        padding: 10px;
    }
    nav a {
        text-decoration: none;
        color: #333;
        padding: 8px 16px;
    }
    nav a:hover {
        background-color: #ddd;
    }
    section {
        padding: 20px;
    }
</style>
<body>
<header>
    <p> 
    <h1 align="center">Online Book Store </h1> </p> <br> <p>
</header>
<nav>
    <a href="homepage.html">Home</a>
    <a href="login.html">Login</a>
    <a href="registration.html">Registration</a>
    <a href="catalogue.html">Catalogue</a>
    <a href="cart.html">Cart</a>
</nav>
</body>
</html>
```

Topframe.html



The screenshot shows a code editor interface with a dark theme. On the left is the Explorer sidebar, which lists several files under the 'NOTEPAD' category: exercise4, exercise6 (which is currently selected), exercise6.html, Leftframe.html (which is also selected), Rightframe.html, Topframe.html, exercise1.html, exercise2.html, exercise3.html, and exercise5.html. The main panel displays the content of the Leftframe.html file. The code is as follows:

```
exercise6 > ⌂ Leftframe.html > ⌂ html > ⌂ body > ⌂ a
1  <!DOCTYPE html>
2  <html>
3  <head>
4  <title>Sidebar</title>
5  <style>
6      body {
7          margin: 0;
8          padding: 0;
9          font-family: Arial, sans-serif;
10         background-color: #f4f4f4;
11     }
12     a {
13         display: block;
14         text-decoration: none;
15         color: #333;
16         padding: 15px;
17         transition: background-color 0.3s ease;
18     }
19     a:hover {
20         background-color: #ddd;
21     }
22 </style>
23 </head>
24 <body>
25     <a href="cse.html" target="#f3">CSE</a>
26     <a href="ece.html" target="#f3">ECE</a>
27     <a href="eee.html" target="#f3">EEE</a>
28     <a href="civil.html" target="#f3">Civil</a>
29 </body>
30 </html>
31
```

Leftframe.html

```
exercise6 > Rightframe.html > html > head > style & li
1   <!DOCTYPE html>
2   <html lang="en">
3   <head>
4       <meta charset="UTF-8">
5       <style>
6           h2 {
7               font-family: Georgia, "Times New Roman", Times, serif;
8               color: green;
9           }
10          h3 {
11              font-family: monotypecorsiva;
12              color: #660000;
13          }
14          ul {
15              list-style-type: none;
16              padding: 0;
17          }
18          li {
19              display: inline;
20              margin-right: 10px;
21          }
22      </style>
23  </head>
24  <body>
25      <h2>Online Book Store Information</h2>
26      <h3>
27          This is the online book store developed by students of JNEC.
28          <br>
29          It contains book catalogue of various branches like
30          <section name="cse">
31              <h3>CSE</h3>
32              <p>Information about CSE branch goes here...</p>
33          </section>
34
35          <section>
36              <h3>ECT</h3>
37              <p>Information about ECT branch goes here...</p>
38          </section>
39
40          <section>
41              <h3>CIVIL</h3>
42              <p>Information about CIVIL branch goes here...</p>
43          </section>
44
45          <section>
46              <h3>EEE</h3>
47              <p>Information about EEE branch goes here...</p>
48          </section>
49      </h3>
50  </body>
51 </html>
```

Rightframe.html

Output :

The image displays two screenshots of a web browser window. Both screenshots show a header titled "Online Book Store" with a logo of a person reading a book. Below the header is a navigation bar with links: Home, Login, Registration, Catalogue, and Cart.

Screenshot 1 (Top): This screenshot shows a placeholder image of a person reading a book. To the right of the image is a message: "It may have been moved, edited, or deleted." The sidebar on the left lists branches: CSE, ECE, EEE, and Civil.

Screenshot 2 (Bottom): This screenshot shows a more detailed view. The sidebar on the left has "ECE" highlighted. The main content area is titled "Online Book Store Information". It contains the following text:
"This is the online book store developed by students of INEC.
It contains book catalogue of various branches like"
Below this, there are four sections: "CSE" (with a link to "Information about CSE branch goes here..."), "ECT" (with a link to "Information about ECT branch goes here..."), "CIVIL" (with a link to "Information about CIVIL branch goes here..."), and "EEE" (with a link to "Information about EEE branch goes here...").

<http://localhost/Notepad/exercise6/exercise6.html>

Exercise 7 :

Code:

```
<html 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" >
<caption align="left">Class: SYMCA Hall.No:FF49</caption></h3>
<tr>
<th>Periods</th>
<th rowspan="2">8.30-9.20</th> <th rowspan="2">9.20-10.10</th> <th rowspan="2">10.20-11.10</th> <th rowspan="2">11.10-12.00</th> <th rowspan="2">1.30-2.20</th> <th rowspan="2">2.20-3.10</th> <th rowspan="2">3.10-4.00</th> <th>Days</th></tr>
<tr>
<td>Monday</td> <td>MCA0302</td> <td>MCA0306</td>
<td>MCA0304</td> <td>MCA0306</td> <td>MCA0302</td>
<td colspan="2" align="center">MCA0324</td>
</tr>
<tr>
<th>TuesDay</th>
<td colspan="4" bgcolor="cyan"><center>MCA0320/MCA0322</center></td>
<td>MCA0310</td> <td>MCA0304</td> <td>MCA308</td>
</tr>
<tr>
<th>Wednesday</th> <td colspan="2" bgcolor="red"><center>ELETIVE - I</td>
<td>MCA0306</td> <td>MCA310</td> <td>MCA304</td>
<td>MCA308</td> <td>COUN</td>
</tr>
<tr>
<th>Thursday</th> <td>MCA0302</td> <td>MCA0304</td>
<td colspan="2" bgcolor="cyan"><center>PD0302</center></td>
<td colspan="3" bgcolor="red"><center>ELECTIVE - II</center></td>
<td><a href="necl.html"></a></td>
</tr>
</table>
</body> </html>
```

Output :

To illustrate Table tags							
MGM's JNEC Aurangabad DEPARTMENT OF MASTER OF COMPUTER APPLICATION W.E.F- 12-July-2016 Class: SYMCA Hall.No:FF49							
Periods	8.30-9.20	9.20-10.10	10.20-11.10	11.10-12.00	1.30-2.20	2.20-3.10	3.10-4.00
Days	MCA0302	MCA0306	MCA0304	MCA0306	MCA0302		MCA0324
TuesDay		MCA0320/MCA0322				MCA0310	MCA0304
Wednesday	ELETIVE - I		MCA0306	MCA310	MCA0304	MCA308	COUN
Thursday	MCA302	MCA0304		PD0302		MCA0320/MCA0322	
Friday	MCA0308	MCA0306	MCA0308	MCA0302	ELECTIVE - II		

<http://localhost/Notepad/exercise7.html>

After

Code :

```
exercise7.html
<!DOCTYPE html>
<html>
  <head>
    <meta name="viewport" content="width=device-width, initial-scale=1.0"/>
    <style>
      body {
        font-family: Arial, sans-serif;
        background-color: #f4f4f4;
        margin: 0;
        padding: 20px;
      }
      h3 {
        color: #333;
        text-align: center;
      }
      table {
        width: 100%;
        margin: 20px auto;
        border-collapse: collapse;
        border: 2px solid #ddd;
      }
      th,
      td {
        border: 2px solid #ddd;
        padding: 10px;
        text-align: center;
      }
      th {
        background-color: #555;
        color: white;
      }
      caption {
        caption-side: top;
        text-align: left;
        margin-bottom: 10px;
        color: #555;
      }
      td[colspan="4"] {
        background-color: #a0d3f5;
      }
      td[colspan="3"] {
        background-color: #ff5f58768;
      }
      td[colspan="2"] {
        background-color: #f38484;
      }
      @media screen and (max-width: 600px) {
        table {
          width: 100%;
        }
        th,
        td {
          display: block;
          width: 100%;
        }
      }
    </style>
```

```
59 </head>
60 <body>
61 <h3>To illustrate Table tags</h3>
62 <h3>
63 MGM's JNEC Aurangabad<br />DEPARTMENT OF MASTER OF COMPUTER APPLICATION<br />W.E.F-
64 12-July-2016
65 </h3>
66
67 <table>
68   <caption>
69     Class: SYMCA Hall.No:FF49
70   </caption>
71   <tr>
72     <th>Periods</th>
73     <th>8.30-9.20</th>
74     <th>9.20-10.10</th>
75     <th>10.20-11.10</th>
76     <th>11.10-12.00</th>
77     <th>1.30-2.20</th>
78     <th>2.20-3.10</th>
79     <th>3.10-4.00</th>
80   </tr>
81   <tr>
82     <th>Days</th>
83   </tr>
84   <tr>
85     <th>Monday</th>
86     <td>MCA0302</td>
87     <td>MCA0306</td>
88     <td>MCA0304</td>
89     <td>MCA0306</td>
90     <td>MCA0302</td>
91     <td colspan="2">MCA0324</td>
92   </tr>
93   <tr>
94     <th>Tuesday</th>
95     <td colspan="4">MCA0320/MCA0322</td>
96     <td>MCA0318</td>
97     <td>MCA0304</td>
98     <td>MCA308</td>
99   </tr>
100  <tr>
101    <th>Wednesday</th>
102    <td colspan="2">ELECTIVE - I</td>
103    <td>MCA0306</td>
104    <td>MCA310</td>
105    <td>MCA304</td>
106    <td>MCA308</td>
107    <td>COIN</td>
108  </tr>
109  <tr>
110    <th>Thursday</th>
111    <td>MCA302</td>
112    <td>MCA0304</td>
113    <td colspan="2">PD0302</td>
114    <td colspan="3">MCA0320/MCA0322</td>
115  </tr>
```

```

115 |         </tr>
116 |         <tr>
117 |             <th>Friday</th>
118 |             <td>MCA0308</td>
119 |             <td>MCA0306</td>
120 |             <td>MCA0308</td>
121 |             <td>MCA0302</td>
122 |             <td colspan="2">ELECTIVE - II</td>
123 |         </tr>
124 |         <td colspan="2">
125 |             <a href="#">
126 |                 | ></a>
131 |             </td>
132 |             <td colspan="4">
133 |                 <a href="#">
134 |                     | ></a>
136 |             </td>
137 |             <td colspan="2">
138 |                 <a href="#">
139 |                     | ></a>
144 |             </td>
145 |         </table>
146 |     </body>
147 | </html>
148 |

```

Output :

The screenshot shows a web browser window with multiple tabs open. The active tab displays a table titled "To illustrate Table tags". The table has columns for Periods, Days, and various subjects like MCA0302, MCA0306, etc. Some cells contain text, while others contain images. The images include a person studying, a cartoon character reading, and a cat sitting at a desk.

Periods	8.30-9.20	9.20-10.10	10.20-11.10	11.10-12.00	1.30-2.20	2.20-3.10	3.10-4.00
Days							
Monday	MCA0302	MCA0306	MCA0304	MCA0306	MCA0302	MCA0324	
Tuesday			MCA0320/MCA0322		MCA0310	MCA0304	MCA308
Wednesday		ELECTIVE - I		MCA0306	MCA310	MCA304	COUN
Thursday	MCA302	MCA0304		PD0302			MCA0320/MCA0322
Friday	MCA0308	MCA0306	MCA0308	MCA0302		ELECTIVE - II	

<http://localhost/Notepad/exercise7.html>

Exercise 8 :

Before

Code :

```
exercise8.html 9+ x
<html>
  <head>
    <title>RegistrationForm</title>
  </head>
  <body bgcolor="#00FFFF">
    <h3 align="center"> Study of form tag</h3>
    <h2 align="center"><u>STUDENT REGISTRATION FORM</u></h2>
    <form action="abc.html" name="f" method="post" autocomplete="on">
      <table width="200" border="1" >
        <tr>
          <th>FirstName:</th> <td><input type="text" name="id1" id="id1" size="30" maxlength="20"/></td>
        </tr>
        <tr>
          <th>LastName:</th> <td><input type="text" name="id2" id="id2" size="30" maxlength="20"/></td>
        </tr>
        <tr>
          <th>Valid Email:</th> <td><input type="text" name="id3" id="id3" size="70" maxlength="50"/></td>
        </tr>
        <tr>
          <th>Password:</th> <td><input type="password" name="id4" id="id4" size="50" maxlength="10"/></td>
        </tr>
        <tr>
          <th>PhoneNumber:</th> <td><input type="text" name="id5" id="id5" size="30" maxlength="11"/></td>
        </tr>
        <tr>
          <th>Address :</th> <td><textarea cols="50" rows="6" name="addr"> </textarea> </td>
        </tr>
        <tr>
          <th>Gender:</th> <td><b>Male:</b><input type="radio" name="gender" id="r1" value="male"/>
            <b>Female:</b><input type="radio" name="gender" id="r1" value="female"/></td>
          </tr>
          <tr>
            <th>Date of Birth:</th> <td><input type="text" name="dob"/></td>
          </tr>
          <tr>
            <th>Qualifications:</th> <td><b>SSC</b><input type="checkbox" name="a1" id="a1"/>
              <b>Percentage:</b><input type="text" name="id9" id="id9" size="5"/><br>
              <b>HSC</b><input type="checkbox" name="a1" id="a1"/>
              <b>Percentage:</b><input type="text" name="id10" id="id10" size="5"/><br>
              <b>BCA</b><input type="checkbox" name="a1" id="a1"/>
              <b>Percentage:</b><input type="text" name="id11" id="id11" size="5"/><br>
              <b>MCA</b><input type="checkbox" name="a1" id="a1"/>
              <b>Percentage:</b><input type="text" name="id12" id="id12" size="5"/><br>
              <b>MBA</b><input type="checkbox" name="a1" id="a1"/>
              <b>Percentage:</b><input type="text" name="id13" id="id13" size="5"/></td>
            </tr>
            <tr>
              <th>Experience:</th> <td><select name="sc1" id="sc1" size="1">
                <option>0-1Year</option>
                <option>2-3Year</option>
                <option>3-5Year</option>
                <option>Morethan5Year</option>
              </select></td> </tr>
              <tr>
                <th>Upload Photo :</th> <td><input type="file" /></td>
              </tr>
              <tr>
                <td colspan="2" style="text-align: center;">
                  <input type="submit" value="Submit" onClick="alert('Your Application have been Submitted');"/> &nbsp;&nbsp;<input type="reset" value="Reset" onClick="alert('Your Application is not Submitted');"/> </td>
                </tr>
              </table> </body>
            </html>
```

Output :

localhost/Notepad/exercise8.html

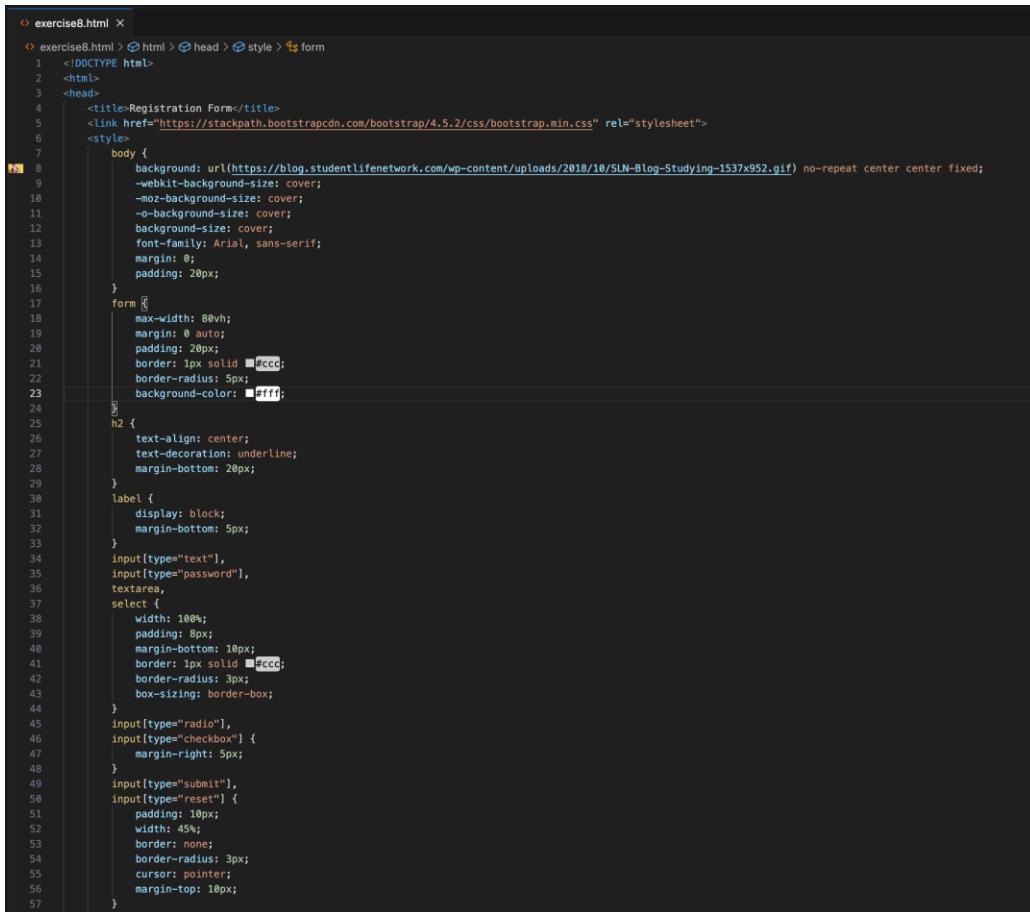
Study of form tag
STUDENT REGISTRATION FORM

FirstName:	<input type="text"/>	
LastName:	<input type="text"/>	
Valid Email:	<input type="text"/>	
Password:	<input type="password"/>	
Phone Number:	<input type="text"/>	
Address :	<input type="text"/>	
Gender:	<input checked="" type="radio"/> Male	<input type="radio"/> Female
Date of Birth:	<input type="text"/>	
SSC	<input type="checkbox"/>	Percentage: <input type="text"/>
HSC	<input type="checkbox"/>	Percentage: <input type="text"/>
Qualifications:	BCA <input type="checkbox"/> Percentage: <input type="text"/>	
MCA	<input type="checkbox"/>	Percentage: <input type="text"/>
MBA	<input type="checkbox"/>	Percentage: <input type="text"/>
Experience	0-1Year <input type="text"/>	
Upload Photo :	<input type="file"/> Choose File No file chosen	
<input type="button" value="Submit"/> <input type="button" value="Reset"/>		

<http://localhost/Notepad/exercise8.html>

After

Code :



```
exercise8.html
exercise8.html > html > head > style > form
1  <!DOCTYPE html>
2  <html>
3  <head>
4    <title>Registration Form</title>
5    <link href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css" rel="stylesheet">
6    <style>
7      body {
8        background: url("https://blog.studentlifenetwork.com/wp-content/uploads/2018/10/SLN-Blog-Studying-1537x952.gif") no-repeat center center fixed;
9        -webkit-background-size: cover;
10       -moz-background-size: cover;
11       -o-background-size: cover;
12       background-size: cover;
13       font-family: Arial, sans-serif;
14       margin: 0;
15       padding: 20px;
16     }
17     form {
18       max-width: 80vh;
19       margin: 0 auto;
20       padding: 20px;
21       border: 1px solid #ccc;
22       border-radius: 5px;
23       background-color: #fff;
24     }
25     h2 {
26       text-align: center;
27       text-decoration: underline;
28       margin-bottom: 20px;
29     }
30     label {
31       display: block;
32       margin-bottom: 5px;
33     }
34     input[type="text"],
35     input[type="password"],
36     textarea,
37     select {
38       width: 100%;
39       padding: 8px;
40       margin-bottom: 10px;
41       border: 1px solid #ccc;
42       border-radius: 3px;
43       box-sizing: border-box;
44     }
45     input[type="radio"],
46     input[type="checkbox"] {
47       margin-right: 5px;
48     }
49     input[type="submit"],
50     input[type="reset"] {
51       padding: 10px;
52       width: 45%;
53       border: none;
54       border-radius: 3px;
55       cursor: pointer;
56       margin-top: 10px;
57     }

```

```
58 |         input[type="submit"] {  
59 |             background-color: #4CAF50;  
60 |             color: white;  
61 |         }  
62 |         input[type="reset"] {  
63 |             background-color: #f44336;  
64 |             color: white;  
65 |         }  
66 |         .inline-group {  
67 |             display: flex;  
68 |             align-items: center;  
69 |             margin-bottom: 10px;  
70 |         }  
71 |         .inline-group label {  
72 |             margin-right: 15px;  
73 |         }  
74 |     
```

</style>

```
75 | </head>  
76 | <body>  
77 |     <form action="abc.html" method="post" autocomplete="on">  
78 |         <h2>STUDENT REGISTRATION FORM</h2>  
79 |         <label for="id1">First Name:</label>  
80 |         <input type="text" class="form-control" name="fname" maxlength="20" required>  
81 |  
82 |         <label for="id2">Last Name:</label>  
83 |         <input type="text" class="form-control" name="lname" maxlength="20" required>  
84 |  
85 |         <label for="id3">Valid Email:</label>  
86 |         <input type="text" class="form-control" name="email" maxlength="50">  
87 |  
88 |         <label for="id4">Password:</label>  
89 |         <input type="password" class="form-control" name="password" maxlength="10" required>  
90 |  
91 |         <label for="id5">Phone Number:</label>  
92 |         <input type="text" class="form-control" name="pnum" maxlength="11">  
93 |  
94 |         <label for="addr">Address:</label>  
95 |         <textarea name="addr" class="form-control" id="addr" rows="4" ></textarea>  
96 |  
97 |         <div class="inline-group">  
98 |             <label>Gender:</label>  
99 |             <input type="radio" name="gender" id="male" value="male" required>  
100 |             <label for="male">Male</label>  
101 |             <input type="radio" name="gender" id="female" value="female" required>  
102 |             <label for="female">Female</label>  
103 |         </div>  
104 |  
105 |         <label for="dob">Date of Birth:</label>  
106 |         <input type="date" id="birthday" name="birthday" required>
```

```
107      <div class="inline-group">
108          <label>Qualifications:</label>
109          <input type="checkbox" name="qualify" id="ssc">
110          <label for="ssc">SSC</label>
111          <input type="checkbox" name="qualify" id="hsc">
112          <label for="hsc">HSC</label>
113          <input type="checkbox" name="qualify" id="bca">
114          <label for="bca">BCA</label>
115          <input type="checkbox" name="qualify" id="mca">
116          <label for="mca">MCA</label>
117          <input type="checkbox" name="qualify" id="mba">
118          <label for="mba">MBA</label>
119      </div>
120
121      <label for="sc1">Experience:</label>
122      <select class="form-control" name="sc1" id="sc1" required>
123          <option value="0-1Year">0-1 Year</option>
124          <option value="2-3Year">2-3 Years</option>
125          <option value="3-5Year">3-5 Years</option>
126          <option value="Morethan5Year">More than 5 Years</option>
127      </select>
128
129      <label for="photo">Upload Photo:</label>
130      <input type="file" id="photo" name="photo" accept="image/*">
131
132      <div style="display: flex; justify-content: space-between;">
133          <input type="submit" value="Submit">
134          <input type="reset" value="Reset">
135      </div>
136  </div>
137  </form>
138  <script src="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js"></script>
139 </body>
140 </html>
```

Output :

The screenshot shows a 'STUDENT REGISTRATION FORM' displayed in a web browser window. The form is set against a background image of a person wearing glasses and a yellow shirt with a lightning bolt pattern. The form fields include:

- First Name: [Text input]
- Last Name: [Text input]
- Valid Email: [Text input]
- Password: [Text input]
- Phone Number: [Text input]
- Address: [Text input]
- Gender: Male Female
- Date of Birth: [Text input]
- Qualifications: SSC HSC BCA MCA MBA
- Experience: 0-1 Year
- Upload Photo: [File input] Choose File | No file chosen
- Buttons: Submit (green) and Reset (red)

<http://localhost/Notepad/exercise8.html>

Exercise 9

Before

Code :

```
exercise9.html X
exercise9.html > html > head > style > div.abc

1  <html>
2  <head>
3  <title>css examples</title>
4  <link rel="stylesheet" type="text/css" href="abc.css" /> <!-- External css-->
5  <style type="text/css"> <!-- Internal css-->
6  body
7  {
8    margin-left:200px; background:#5d9ab2 url('img_tree.png') no-repeat top left;
9  }
10 h3
11 { text-align:center; }
12 div.abc
13 []
14 border:1px solid #gray; margin-left:auto; margin-right:auto; width:90%;
15 background-color:#d0f0f0; text-align:left; padding:8px;
16 []
17 ul.abc
18 { list-style-type:circle; }
19 #xyz
20 {
21   font-size:18px; font-style:italic;
22 }
23 </style> </head>
24 <body>
25 <h3> Study of CSS </h3>
26 <div class="abc"> <!-- Class selector-->
27 <h2>Types of CSS</h2>
28 <p>Cascading Style Sheets (CSS) is a style sheet language used for describing the presentation of a
29 document written in a markup language.</p>
30 </div>
31 <!--Inline CSS-->
32 <p style="border-style:dotted solid dashed double">This is some text in a paragraph with dotted
33 border style.</p>
34 <p style="font-family:Arial, Helvetica, sans-serif">This is text with font family arial in a
35 paragraph.</p>
36 <hr />
37 <p id="xyz">This is text with font size 18 and italic style in a paragraph.</p> <!--ID selector-->
38 <ul class="abc">
39   <li>coffee</li>
40   <li>tea</li>
41   <li>coca cola</li>
42 </ul>
43 <p><a href="abc.html" target="_blank">This is a link</a></p>
44 </body>
45 </html>
46 Abc.css
47 /* CSS Document */
48 <style>
49 h2,h3 {color:#maroon; font-size:20pt} <!--Group Selector-->
50 hr {color:#navy}
51 p {font-size:1pt; margin-left: 15px}
52 a:link {color:#green} <!-- Hperlink selector-->
53 a:visited {color:#yellow}
54 a:hover{color:#black}
55 a:active {color:#blue}
56 </style>
```

Output :

Study of CSS

Types of CSS

Cascading Style Sheets (CSS) is a style sheet language used for describing the presentation of a document written in a markup language.

This is some text in a paragraph with dotted border style.

This is text with font family arial in a paragraph.

This is text with font size 18 and italic style in a paragraph.

- coffee
- tea
- coca cola

[This is a link](#)

Ab.css /* CSS Document */

<http://localhost/Notepad/exercise9.html>

After

Code :

```
exercise9.html 1 ×
exercise9.html > html > head > style > h1

1  <html>
2   <head>
3     <title>css examples</title>
4     <!-- External css -->
5     <style type="text/css">
6       body {
7         background: #e59ab2 url("https://media.tenor.com/l13r09a_zqYAAAC/galaxy.gif") no-repeat;
8         -webkit-background-size: cover;
9         -moz-background-size: cover;
10        -o-background-size: cover;
11        background-size: cover;
12      }
13      h1 {
14        color: #111;
15        font-family: "Helvetica Neue", sans-serif;
16        font-size: 275px;
17        font-weight: bold;
18        letter-spacing: -1px;
19        line-height: 1;
20        text-align: center;
21        background: linear-gradient(
22          to right,
23          #ef5350,
24          #f48fb1,
25          #7e57c2,
26          #2196f3,
27          #26c6da,
28          #43a0d2,
29          #eef7f4,
30          #f9a825,
31          #ff5722
32        );
33        -webkit-background-clip: text;
34        -webkit-text-fill-color: transparent;
35      }
36      .rainbow {
37        /* Անհանգընթաց */
38        font-family: "Pacifico", cursive;
39        text-shadow: 2px 2px 4px #000000;
40        font-size: 70px;
41        /* Chrome, Safari, Opera */
42        -webkit-animation: rainbow 5s infinite;
43        /* Standard Syntax */
44        animation: rainbow 5s infinite;
45      }
46
47      /* Chrome, Safari, Opera */
48      @-webkit-keyframes rainbow {
49        0% {
50          color: #orange;
51        }
52        10% {
53          color: #purple;
54        }
55      }
56    </style>

```

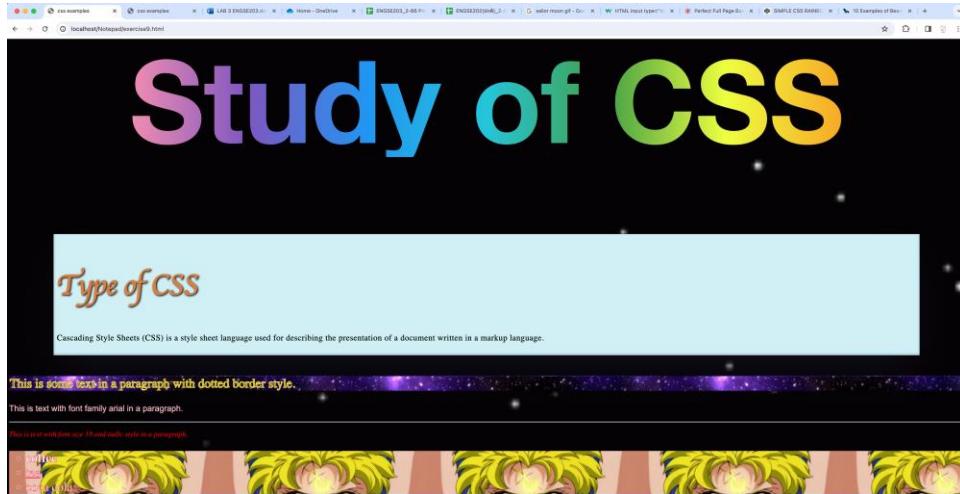
```
57 |   20% {
58 |     color: ■ red;
59 |
60 |   30% {
61 |     color: ■ CadetBlue;
62 |
63 |   40% {
64 |     color: ■ yellow;
65 |
66 |   50% {
67 |     color: ■ coral;
68 |
69 |   60% {
70 |     color: ■ green;
71 |
72 |   70% {
73 |     color: ■ cyan;
74 |
75 |   80% {
76 |     color: ■ DeepPink;
77 |
78 |   90% {
79 |     color: ■ DodgerBlue;
80 |
81 | 100% {
82 |     color: ■ orange;
83 |
84 | }
85 |
86 /* Standard Syntax */
87 @keyframes rainbow {
88   0% {
89     color: ■ orange;
90   }
91   10% {
92     color: ■ purple;
93   }
94   20% {
95     color: ■ red;
96   }
97   30% {
98     color: ■ CadetBlue;
99   }
100  40% {
101    color: ■ yellow;
102  }
103  50% {
104    color: ■ coral;
105  }
106  60% {
107    color: ■ green;
108  }
109  70% {
110    color: ■ cyan;
111  }
112  80% {
```

```

113     color: #DeepPink;
114   }
115   90% {
116     color: #DodgerBlue;
117   }
118   100% {
119     color: #orange;
120   }
121 }
122 div.headline {
123   margin-left: auto;
124   margin-right: auto;
125   width: 90%;
126   background-color: #00ffff;
127   text-align: left;
128   padding: 8px;
129   box-shadow: 0px 50px 93px 0.25px 0px 56px 100px -20px,
130   0px 30px 60px -30px,
131   0px 10px 37px 0.35px 0px -2px 6px 0px inset;
132 }
133 ul.abc {
134   list-style: circle;
135 }
136
137 #xyz {
138   font-size: 18px;
139   font-style: italic;
140 }
141 </style>
142 </head>
143
144 <body>
145   <h1>Study of CSS</h1>
146   <div class="headline">
147     <h2>Class="rainbow"-Type of CSS</h2>
148     <p style="font-family: Inter;letter-spacing: 0.55px;font-size: 20px;line-height: 28px;">
149       Cascading Style Sheets (CSS) is a style sheet language used for
150       describing the presentation of a document written in a markup language.
151     </p>
152   </div>
153 <br>
154
155 <p style="border-style: dotted solid dashed double; font-size: 30px; background:url(<a href="https://i.pinimg.com/originals/03/13/7d/03137dde3c4be7547fb42209009cbff66.gif"></a>);>
156   -webkit-text-stroke-width: 2px;
157   -webkit-text-stroke-color: #rgb(240, 218, 72);
158   ;
159   ">
160   This is some text in a paragraph with dotted border style.
161 </p>
162
163
164 <p style="font-family: Arial, Helvetica, sans-serif;color:#pink; font-size:20px;">
165   This is text with font family arial in a paragraph.
166 </p>
167 <br />
168 <p style="color: #red;" id="xyz">
169   This is text with font size 18 and italic style in a paragraph.
170 </p>
171
172 <ul style="color:#white; font-size:30px; background: url(<a href="https://media1.tenor.com/m/9INIcM8dQIAAAAC/sailor-moon-anime.gif"></a>); -webkit-text-stroke-width: 1px;
173   -webkit-text-stroke-color: #rgb(240, 72, 120);> class="abc">
174   <li><a href="#">coffee</a></li>
175   <li><a href="#">tea</a></li>
176   <li><a href="#">coca</a></li>
177 </ul>
178 <p><a href="abc.html" target="_blank">This is a Power of CSS</a></p>
179 </body>
180 </html>
181
182
183

```

Output :



<http://localhost/Notepad/exercise9.html>

Exercise 10

Before

Code :



```
exercise10.html X
exercise10.html > html
1  <html>
2   <body>
3     <h3> Study of Embedding Multimedia </h3>
4     <h4>use of Linking</h4>
5     <a href="k.mp3" > Audio song </a>&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;
6     <a href="t.mp4"> Video Song</a>&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;
7     <a href="a.pdf" target="l"> Open odf file</a>&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;
8     <a href="file:///D|/AAD/AAD/intro.docx" target="l"> Open DOC file</a><br>
9     <h2> Audio & Video Library</h2>
10    <table border="2" cellspacing="30">
11      <tr>
12        <td>
13          <h4>use of Embedded tag</h4> <embed width="420" height="200" src="t.mp4">
14        </td>
15        <td>
16          <h4>use of Video tag</h4>
17          <video width="320" height="240" autoplay>
18            <source src="db.mp4" type="video/mp4">
19          </video>
20        </td>
21        <td>
22          <h4>use of Iframe tag</h4>
23          <iframe width="420" height="345" src="http://www.youtube.com/embed/XGSy3_Czz8k">
24        </iframe>
25      </td> </tr>
26      <tr>
27        <td> <h4>use of Object tag for you tube video</h4>
28        <object width="425" height="350">
29          <param name="movie" value="http://www.youtube.com/v/tIBxavsiHzM" />
30          <embed src="http://www.youtube.com/v/tIBxavsiHzM" type="application/x-shockwave-flash"
31          width="425" height="350" />
32        </object>
33      </td>
34      <td>
35        <h4>use of Object tag</h4>
36        <object data="t.mp4" width="320" height="240"> </object>
37      </td>
38      <td>
39        <h4>use of Object tag for Pdf File</h4>
40        <object data="a.pdf" type="application/pdf" width="300" height="200">
41      </object>
42    </td> </tr>
43  </table> </body>
44 </html>
45
```

Output :

Study of Embedding Multimedia

use of Linking

[Audio song](#) [Video Song](#) [Open odf file](#) [Open DOC file](#)

Audio & Video Library

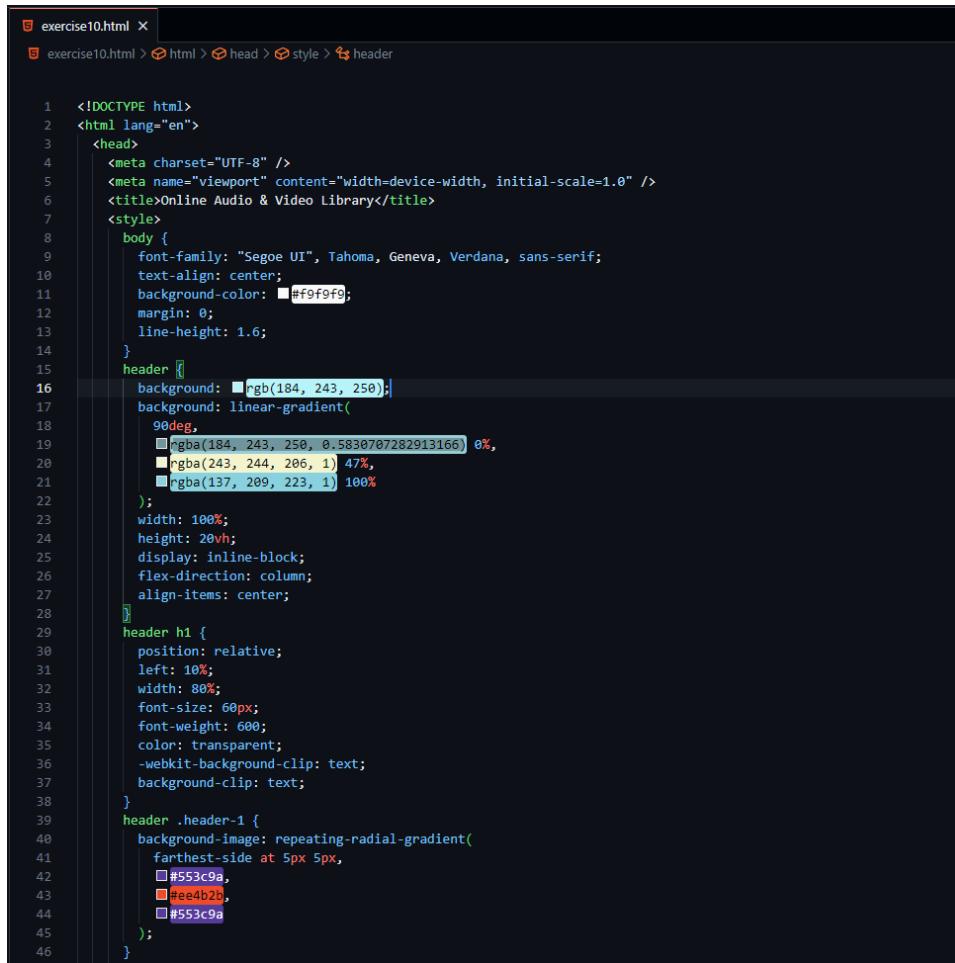
The image shows a grid of six boxes, each containing a different method for embedding multimedia:

- use of Embedded tag: A small video player interface with a play button.
- use of Video tag: An empty white space.
- use of Iframe tag: A black screen with a video unavailable message and a link to watch on YouTube.
- use of Object tag for you tube video: A screenshot of a web browser showing a feedback form wizard. It displays a video player with a red play button and some explanatory text about email addresses.
- use of Object tag: An empty white space.
- use of Object tag for Pdf File: An empty white space.

localhost/LAB 3/exercise10.html

After

Code :



The screenshot shows a code editor window with the file "exercise10.html" open. The code is a CSS stylesheet for a header section. The header has a background gradient from light blue to light red. It contains an

element with a large font size and a radial gradient background. The code is numbered from 1 to 46.

```
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>Online Audio & Video Library</title>
7      <style>
8          body {
9              font-family: "Segoe UI", Tahoma, Geneva, Verdana, sans-serif;
10             text-align: center;
11             background-color: #f9f9f9;
12             margin: 0;
13             line-height: 1.6;
14         }
15         header {
16             background: #rgb(184, 243, 250);
17             background: linear-gradient(
18                 90deg,
19                 #rgba(184, 243, 250, 0.5830707282913166) 0%,
20                 #rgba(243, 244, 206, 1) 47%,
21                 #rgba(137, 209, 223, 1) 100%
22             );
23             width: 100%;
24             height: 20vh;
25             display: inline-block;
26             flex-direction: column;
27             align-items: center;
28         }
29         header h1 {
30             position: relative;
31             left: 10%;
32             width: 80%;
33             font-size: 60px;
34             font-weight: 600;
35             color: transparent;
36             -webkit-background-clip: text;
37             background-clip: text;
38         }
39         header .header-1 {
40             background-image: repeating-radial-gradient(
41                 farthest-side at 5px 5px,
42                 #553c9a,
43                 #ee4b2b,
44                 #553c9a
45             );
46         }
}
```

```
47  .menu {  
48    list-style: none;  
49    padding: 0;  
50    margin: 0;  
51  }  
52  .menu li {  
53    display: inline-block;  
54    margin-right: 15px;  
55  }  
56  .menu li a {  
57    text-decoration: none;  
58    padding: 8px 12px;  
59    border-radius: 4px;  
60    transition: background-color 0.3s ease-in-out, color 0.3s ease-in-out;  
61  }  
62  .menu li a:hover {  
63    background-color: #f0f0f0;  
64  }  
65  .container {  
66    max-width: 1200px;  
67    margin: 0 auto;  
68    padding: 20px;  
69  }  
70  h3 {  
71    color: #333;  
72    margin-bottom: 20px;  
73  }  
74  h4 {  
75    color: #555;  
76    margin-top: 15px;  
77  }  
78  a {  
79    color: #007bff;  
80    text-decoration: none;  
81    margin-right: 15px;  
82    transition: color 0.3s ease-in-out;  
83  }  
84  a:hover {  
85    color: #0056b3;  
86  }  
87  table {  
88    margin: 40px auto;  
89    border-collapse: collapse;  
90    width: 100%;  
91    background-color: #fff;  
92    box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);  
93  }
```

```
94  |         th,
95  |         td {
96  |             border: 2px solid #ccc;
97  |             padding: 15px;
98  |         }
99  |         td {
100 |             vertical-align: top;
101 |         }
102 |         .media-container {
103 |             display: flex;
104 |             justify-content: center;
105 |             align-items: center;
106 |             flex-wrap: wrap;
107 |             margin-top: 30px;
108 |         }
109 |         .media-container div {
110 |             margin: 20px;
111 |         }
112 |         .media-container iframe,
113 |         .media-container object,
114 |         .media-container video {
115 |             width: 100%;
116 |             max-width: 400px;
117 |             border: 1px solid #ccc;
118 |             border-radius: 5px;
119 |             box-shadow: 0 2px 5px rgba(0, 0, 0, 0.1);
120 |         }
121 |     </style>
122 | </head>
123 | <body>
124 |     <header>
125 |         <h1 class="header-1">Online Audio & Video Library</h1>
126 |     </header>
127 |
128 |     <div class="container">
129 |         <h3>Explore Our Multimedia Collection</h3>
130 |         <ul class="menu">
131 |             <li><a href="k.mp3">Listen to Audio</a></li>
132 |             <li><a href="t.mp4">Watch Video</a></li>
133 |             <li><a href="a.pdf" target="_blank">Open PDF</a></li>
134 |             <li>
135 |                 <a href="file:///D|/AAD/AAD/intro.docx" target="_blank">Open DOC</a>
136 |             </li>
137 |         </ul>
138 |     </div>
```

```
134 | <li>
135 |   | <a href="file:///D|/AAD/AAD/intro.docx" target="_blank">Open DOC</a>
136 | </li>
137 | </ul>
138 |
139 <table>
140   <tr>
141     <td>
142       <h4>
143         style="
144           color: #rgb(245, 237, 164);
145           font-size: 50px;
146           text-shadow: 1px 1px 1px ##957dad, 1px 2px 1px #rgb(245, 174, 82),
147             1px 3px 1px ##957dad, 1px 4px 1px ##957dad, 1px 5px 1px ##957dad,
148               1px 6px 1px ##957dad, 1px 10px 5px #rgba(16, 16, 16, 0.5),
149                 1px 15px 10px #rgba(16, 16, 16, 0.4),
150                   1px 20px 30px #rgba(16, 16, 16, 0.3),
151                     1px 25px 50px #rgba(16, 16, 16, 0.2);
152         "
153       >
154         Embed Tag
155       </h4>
156       <div class="media-container">
157         | <embed width="420" height="200" src="t.mp4" />
158       </div>
159     </td>
160     <td>
161       <h4>
162         style="
163           color: #rgb(248, 47, 255);
164           font-size: 50px;
165           text-shadow: 1px 1px 1px #f87058, 1px 2px 1px #rgb(245, 82, 82),
166             1px 3px 1px #rgb(173, 170, 125), 1px 4px 1px ##000000,
167               1px 5px 1px ##8a7dad, 1px 6px 1px ##957dad,
168                 1px 10px 5px #rgba(16, 16, 16, 0.5),
169                   1px 15px 10px #rgba(16, 16, 16, 0.4),
170                     1px 20px 30px #rgba(16, 16, 16, 0.3),
171                       1px 25px 50px #rgba(16, 16, 16, 0.2);
172         "
173       >
174         Video Tag
175       </h4>
176       <div class="media-container">
177         | <video width="320" height="240" controls>
178           | <source src="db.mp4" type="video/mp4" />
179           | Your browser does not support the video tag.
180         </video>
181       </div>
```

```
182 </td>
183 <td>
184 <h4 style="color: #rgb(78, 47, 255); font-size: 50px; text-shadow: 1px 1px 1px #dd58f8, 1px 2px 1px #rgb(166, 82, 245), 1px 3px 1px #rgb(173, 170, 125), 1px 4px 1px #dfe769, 1px 5px 1px #adac7d, 1px 6px 1px #acad7d, 1px 10px 5px #rgba(16, 16, 16, 0.5), 1px 15px 10px #rgba(16, 16, 16, 0.4), 1px 20px 30px #rgba(16, 16, 16, 0.3), 1px 25px 50px #rgba(16, 16, 16, 0.2);">
185 > Iframe Tag
186 </h4>
187 <div class="media-container">
188 <iframe width="420" height="345" src="http://www.youtube.com/embed/XGSy3_Czz8k"></iframe>
189 </div>
190 </td>
191 </tr>
192 <tr>
193 <td>
194 <h4 style="color: #rgb(255, 47, 47); font-size: 50px; text-shadow: 1px 1px 1px #f8cd58, 1px 2px 1px #rgb(245, 174, 82), 1px 3px 1px #rgb(173, 170, 125), 1px 4px 1px #e5e769, 1px 5px 1px #957dad, 1px 6px 1px #957dad, 1px 10px 5px #rgba(16, 16, 16, 0.5), 1px 15px 10px #rgba(16, 16, 16, 0.4), 1px 20px 30px #rgba(16, 16, 16, 0.3), 1px 25px 50px #rgba(16, 16, 16, 0.2);">
195 > Object Tag (YouTube)
196 </h4>
197 <div class="media-container">
198 <object width="425" height="350">
199 <param name="movie"
```

```

229           value="http://www.youtube.com/v/tIBxavsiHzM"
230       />
231   <embed
232       src="http://www.youtube.com/v/tIBxavsiHzM"
233       type="application/x-shockwave-flash"
234       width="425"
235       height="350"
236   />
237   </object>
238   </div>
239   </td>
240   <td>
241     <h4
242       style="
243         color: #rgb(166, 252, 96);
244         font-size: 50px;
245         text-shadow: 1px 1px 1px #f7ca51, 1px 2px 1px #rgb(245, 174, 82),
246           1px 3px 1px #rgb(173, 170, 125), 1px 4px 1px #e5e769,
247           1px 5px 1px #ad947d, 1px 6px 1px #ad9c7d,
248           1px 10px 5px #rgba(16, 16, 16, 0.5),
249           1px 15px 10px #rgba(16, 16, 16, 0.4),
250           1px 20px 30px #rgba(16, 16, 16, 0.3),
251           1px 25px 50px #rgba(16, 16, 16, 0.2);
252       "
253     >
254     Object Tag
255   </h4>
256   <div class="media-container">
257     <object data="t.mp4" width="320" height="240"></object>
258   </div>
259   </td>
260   <td>
261     <h4
262       style="
263         color: #rgb(255, 132, 32);
264         font-size: 50px;
265         text-shadow: 1px 1px 1px #f8db58, 1px 2px 1px #rgb(245, 174, 82),
266           1px 3px 1px #rgb(172, 168, 117), 1px 4px 1px #e5e769,
267           1px 5px 1px #adaa7d, 1px 6px 1px #rgb(243, 227, 170, 125),
268           1px 10px 5px #rgba(16, 16, 16, 0.5),
269           1px 15px 10px #rgba(16, 16, 16, 0.4),
270           1px 20px 30px #rgba(16, 16, 16, 0.3),
271           1px 25px 50px #rgba(16, 16, 16, 0.2);
272       "
273     >

```

```

277           <object
278             data="a.pdf"
279             type="application/pdf"
280             width="300"
281             height="200"
282           ></object>
283           </div>
284         </td>
285       </tr>
286     </table>
287   </div>
288 </body>
289 </html>
290

```

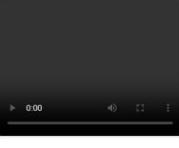
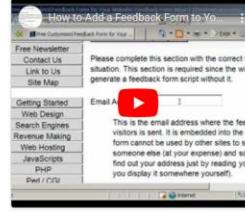
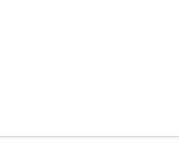
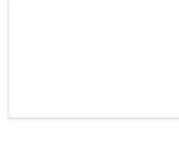
Output :

localhost/LAB%203/exercise10.html

Online Audio & Video Library

Explore Our Multimedia Collection

Listen to Audio Watch Video Open PDF Open DOC

Embed Tag	Video Tag	Iframe Tag
<p>Not Found</p> <p>The requested URL was not found on this server.</p> <p>Apache/2.4.36 (Win64) OpenSSL/1.1.1r PHP/8.2.4 Server at localhost Port 80</p>	<p>Video Tag</p>  <p>0:00</p>	<p>Iframe Tag</p> 
<p>Object Tag (YouTube)</p> 	<p>Object Tag</p> 	<p>Object Tag (PDF)</p> 

<http://localhost/LAB%203/exercise10.html>

Exercise 11

Before

Code :

```
EXPLORER
LAB 3
  exercise10.html
  exercise11.html 9+ ...
```

```
exercise11.html 9+ > html
1 <html>
2 <head>
3 <script type="text/javascript">
4 var n,a=0,b=1,i,c
5 n=prompt("Enter a number","");
6 if(n<0)
7 alert("Invalid number")
8 else
9 {
10 if(n==1)
11 document.write(a)
12 else
13 document.write(a+"<br />" + b)
14 for(i=2;i<n;i++)
15 {
16 c=a+b; a=b; b=c; document.write("<br />" + c)
17 }
18 }
19 function date()
20 {
21 document.write("<h2 style='color:red;'>Date Constructor</h2>");
22 var date1=new Date();
23 document.write("<br><b style='color:red;'>Date1 Constructor without parameter=</b>" + date1);
24 document.write("<br><b style='color:red;'>Date1 Constructor without parameter=</b>" + date1.toGMTString());
25 document.write("<br><b style='color:purple;'>getHours() Method in date1=</b>" + date1.getHours());
26 }
27 </script>
28 </head>
29 <body>
30 <h3>study of Java Script</h3>
31 <h3>Calculating the fibonacci series</h3>
32 <input type="button" onClick="location.href='11.html'" value="refresh">
33 <input type="button" value="Open new Window" onClick="window.open('2.html')">
34 <input type="button" value="Go back two pages" onClick="history.go(-2)" />
35 <input type="button" value="show today date" onClick="date()" />
36 </body>
37 </html>
```

Output :

study of Java Script

Calculating the fibonacci series

[refresh](#)

[Open new Window](#)

[Go back two pages](#)

[show today date](#)

[Fibonacci Series අවශ්‍ය](#)

After

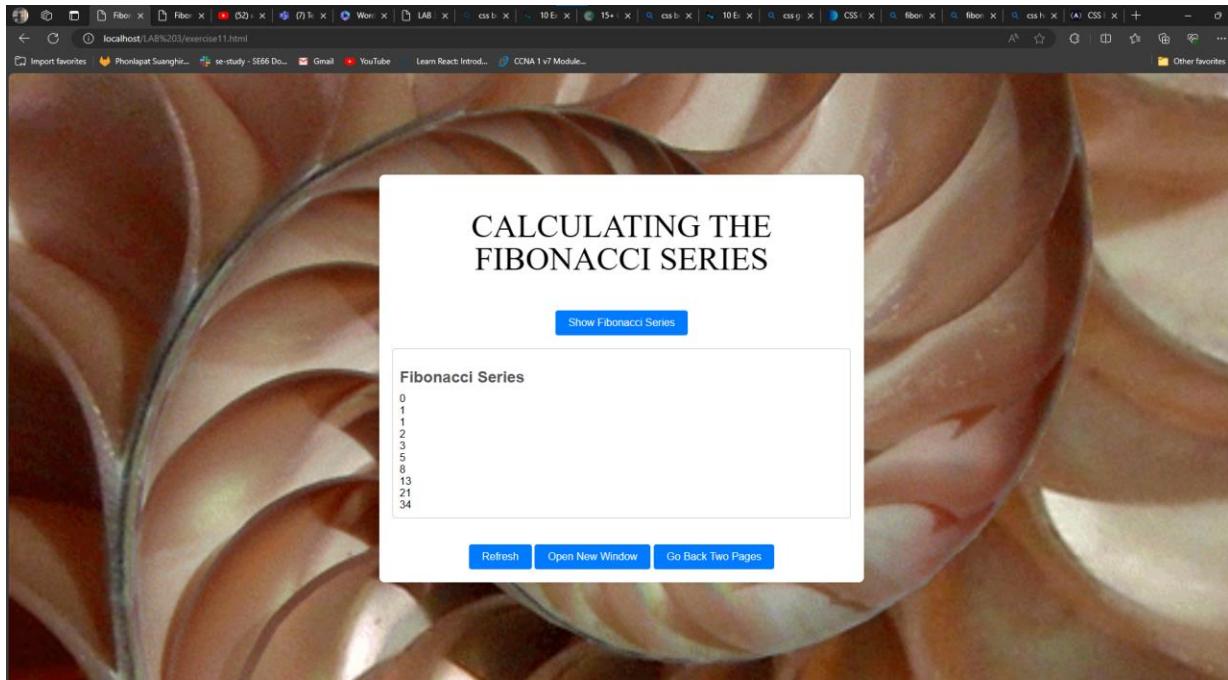
Code :

```
exercise11.html x
exercise11.html > html > head > title
1  <!DOCTYPE html>
2  <html>
3  | <head>
4  | | <meta charset="utf-8" />
5  | | <title>Fibonacci Series &nbsp;</title>
6  | | <style>
7  | | | body {
8  | | | | font-family: Arial, sans-serif;
9  | | | | margin: 0;
10 | | | | padding: 0;
11 | | | | display: flex;
12 | | | | justify-content: center;
13 | | | | align-items: center;
14 | | | | height: 100vh;
15 | | | | background: url(https://64.media.tumblr.com/c7475b0e681d598063d4930039bd9fab/tumblr\_oyg9jklhgzg1txeruoo1\_500.gif);
16 | | | | background-size: cover;
17 | | | | background-repeat: no-repeat;
18 | | | | background-position: center center;
19 | | |
20 | | .container {
21 | | | max-width: 700px;
22 | | | padding: 20px;
23 | | | box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
24 | | | background-color: #fff;
25 | | | border-radius: 8px;
26 | | | text-align: center;
27 | | }
28 | | h1 {
29 | | | font-family: oswald;
30 | | | font-size: 50px;
31 | | | font-weight: 500;
32 | | | text-transform: uppercase;
33 | | | line-height: 1;
34 | | }
35 | | h2 {
36 | | | margin-bottom: 10px;
37 | | | color: #555;
38 | | }
39 | | button {
40 | | | padding: 10px 20px;
41 | | | margin-top: 20px;
42 | | | font-size: 16px;
43 | | | background-color: #007bff;
44 | | | color: #fff;
45 | | | border: none;
46 | | | border-radius: 4px;
47 | | | cursor: pointer;
48 | | | transition: background-color 0.3s ease;
49 | | }
```

```
exercise11.html X
exercise11.html > html > head > title
51     background-color: #0056b3;
52   }
53   #result {
54     margin-top: 20px;
55     padding: 10px;
56     border: 1px solid #ccc;
57     border-radius: 4px;
58     text-align: left;
59   }
60 </style>
61 <script>
62   function calculateFibonacci() {
63     var n,
64       a = 0,
65       b = 1,
66       i,
67       c;
68
69     n = parseInt(prompt("Enter a number", ""));
70
71     if (isNaN(n) || n <= 0) {
72       alert("Invalid number. Please enter a positive integer.");
73       return;
74     }
75
76     var fibonacciSeries = "";
77
78     if (n === 1) {
79       fibonacciSeries += a;
80     } else {
81       fibonacciSeries += a + "<br />" + b;
82     }
83
84     for (i = 2; i < n; i++) {
85       c = a + b;
86       a = b;
87       b = c;
88       fibonacciSeries += "<br />" + c;
89     }
90
91     document.getElementById("result").innerHTML =
92       "<h2>Fibonacci Series</h2>" + fibonacciSeries;
93   }
94 </script>
95 </head>
```

```
96 <body>
97   <div class="container">
98     <h1>Calculating the Fibonacci Series</h1>
99
100    <button onclick="calculateFibonacci()">Show Fibonacci Series</button>
101
102    <div id="result"></div>
103
104    <!-- Other buttons you had -->
105    <div style="margin-top: 20px">
106      <button onclick="location.href='11.html'">Refresh</button>
107      <button onclick="window.open('2.html')">Open New Window</button>
108      <button onclick="history.go(-2)">Go Back Two Pages</button>
109    </div>
110  </div>
111 </body>
112 </html>
113
```

Output :



[Fibonacci Series ອີ້ວິ](#)

Exercise 12

Before

Code :



The screenshot shows a code editor window with the title "exercise12.html 3". The code is a JavaScript validation script for a form. It checks various fields including name, age, email, password, gender, and a confirm password field. It also checks for radio button selection and domain name length.

```
exercise12.html 3
exercise12.html > html > head > script > val
1  <html>
2  <head>
3  <title>DOM Validation</title>
4  <script type ="text/javascript">
5      function val()
6          var n=document.f1.name.value;
7          var a=document.f1.age.value;
8          var e=document.f1.email.value;
9          var p=document.f1.pass.value;
10         var pl=document.f1.c_pass.value;
11         var g=document.f1.gender.value;
12         var pos=e.indexOf('@');
13         var dotpos=e.indexOf('.');
14         var lastdotpos=e.lastIndexOf('.');
15         var str=e.substring(pos+1,lastdotpos);
16         if(n=="" || a=="" || e=="" || p=="" || pl=="")
17             { alert("fill all the fields");
18             return true;
19         }
20         if(!(a>=18 && a<=55))
21             { alert("You are not eligible,age range should be 18-55"); return true; }
22         if(n.length < 2)
23             { alert("Name Should be greater than 2 char"); return true;
24         }
25         if(p!=pl)
26             { alert("Your Password does not match with Confirm Password");
27             document.forms[0].p.value="";
28             document.forms[0].p1.value="";
29             document.forms[0].p.focus();
30             return true;
31         }
32         if((document.f1.gender[0].checked==false)&&(document.f1.gender[1].checked==false))
33             { alert("please select the radio button")
34             document.form1.r1[0].focus()
35             return true;
36         }
37         if(pos > lastdotpos)
38             { alert("Enter domain name "); return true;
39         }
40         else if(str.length < 5)
41             { alert("email should have @ and . ");
42             document.getElementById("str").innerHTML="e.g. ravi_singhal30@yahoo.com";
43             return true;
44         }
45         else
46             { document.getElementById("str").innerHTML="Hi...."+n+" <br>Age : "+a+" <br>
47 Email-Id is : "+e;
48             return false;
49 }
```

```
49 }
50 ]
51 </script>
52 </head>
53 <body>
54 <h3> Study of DOM In Java Script</h3>
55 <h4> Validation of Registration Form</h4>
56 <form method="post" name="f1" >
57 <p><font color="#993300">Enter First Name :</font>
58 <input name="name" type="text" />
59 </p><font color="#993300">Enter Last Name :</font>
60 <input type="text" placeholder="Enter Last name" pattern="[a-zA-Z0-9_-]{6,12}" title="must
61 be alphanumeric in 6-12 chars" required>
62 <p><font color="#993300">Enter Email</font>
63 <input name="email" type="text" />
64 </p>
65 <p><font color="#993300">Enter Alternate Email</font>
66 <input type="email" placeholder="Enter email address" required>
67 </p>
68 <p><font color="#993300">Enter Password</font>
69 <input type="password" name="pass" />
70 </p>
71 <p><font color="#993300">Enter Confirm Password</font>
72 <input type="password" name="c_pass" />
73 </p>
74 <p><font color="#993300">Enter contact Number</font>
75 <!--HTML 5 validation-->
76 <input type="tel" required />
77 </p>
78 <p><font color="#993300">Enter Age</font>
79 <input type="text" name="age" />
80 </p>
81 <p><font color="#993300">Gender</font>
82 <input type="radio" name="gender">Male
83 <input type="radio" name="gender">Female </p>
84 <p><font color="#993300">Enter Credit Card Number</font>
85 <input type="number" size="10" name="credit" min="8" max="12" title="A credit card
86 number" required/>
87 </p>
88 <p><font color="#993300">Search On Google</font>
89 <input type="search" name="googlesearch" required>
90 </p>
91 <p>
92 <input name="submit" type="submit" value="save" onclick="val()" />
93 <input type="reset" name="r" value="cancel"/>
94 </p>
95 <span id="str"> </span>
96 </form> </body>
```

Output :

The screenshot shows a web browser window with the URL `localhost/LAB%203/exercise12.html`. The page title is **Study of DOM In Java Script**. Below it, the heading **Validation of Registration Form** is displayed. The form consists of several input fields:

- Enter First Name :
- Enter Last Name :
- Enter Email :
- Enter Alternate Email : (placeholder: Enter email address)
- Enter Password :
- Enter Confirm Password :
- Enter contact Number :
- Enter Age :
- Gender : Male FeMale
- Enter Credit Card Number :
- Search On Google :

At the bottom left are two buttons: **save** and **cancel**.

[DOM Validation](#)

After

Code :

```
document.getElementById("str").innerHTML =
  "e.g. ravi_singhal30@yahoo.com";
return true;
} else {
  document.getElementById("str").innerHTML =
    "Hi...." + n + "  
Age : " + a + "  
Email-Id is : " + e;
return false;
}
}

</script>

<style>
body {
  font-family: Arial, sans-serif;
  background-color: #f4f4f4;
  margin: 0;
  padding: 0;
}

h3 {
  color: #333;
}

h4 {
  color: #666;
}

form {
  max-width: 600px;
  margin: 20px auto;
  padding: 20px;
  background-color: #fff;
  border-radius: 5px;
  box-shadow: 0px 0px 0px 0.25px 54px 55px,
    0px 12px 30px, 0px 0, 0, 0.12) 0px -12px 30px, 0px 0, 0, 0.12) 0px 4px 6px,
    0px 12px 13px, 0px 0, 0, 0.09) 0px -3px 5px;
}

input[type="text"],
input[type="password"],
input[type="email"],
input[type="search"],
input[type="number"],
input[type="tel"],
input[type="submit"],
input[type="reset"] {
  width: 100%;
```

```

97     padding: 10px;
98     margin-bottom: 10px;
99     border: 1px solid #ccc;
100    border-radius: 4px;
101    box-sizing: border-box;
102  }
103
104  span {
105    color: red;
106  }
107  </style>
108  </head>
109  <body>
110  <center>
111  <h3>Study of DOM In Java Script</h3>
112  <h4>Validation of Registration Form</h4>
113  </center>
114
115  <form method="post" name="f1">
116    <p>
117      <p color="#993300">Enter First Name :</p>
118      <input class="form-control" name="name" type="text" />
119    </p>
120    <p color="#993300">Enter Last Name :</p>
121    <input
122      type="text"
123      placeholder="Enter Last name"
124      pattern="[a-zA-Z0-9_-]{6,12}"
125      title="must be alphanumeric in 6-12 chars"
126      required
127    />
128    <p>
129      <p color="#993300">Enter Email</p>
130      <input class="form-control" name="email" type="text" />
131    </p>
132    <p>
133      <p color="#993300">Enter Alternate Email</p>
134      <input class="form-control" type="email" placeholder="Enter email address" required />
135    </p>
136    <p>
137      <p color="#993300">Enter Password</p>
138      <input class="form-control" type="password" name="pass" />
139    </p>
140    <p>
141      <p color="#993300">Enter Confirm Password</p>
142      <input class="form-control" type="password" name="c_pass" />
143
```

```

145  <p>
146    <p color="#993300">Enter contact Number</p>
147    <!--HTML 5 validation-->
148    <input class="form-control" type="tel" required />
149  </p>
150  <p>
151    <p color="#993300">Enter Age</p>
152    <input class="form-control" type="text" name="age" />
153  </p>
154  <p>
155    <p color="#993300">Gender</p>
156    <input type="radio" name="gender" /> Male
157    <input type="radio" name="gender" /> Female
158  </p>
159  <p>
160    <p color="#993300">Enter Credit Card Number</p>
161    <input class="form-control" type="number" size="10" name="credit" min="8" max="12" title="A credit card number" required /></p>
162  <p>
163    <p color="#993300">Search On Google</p>
164    <input class="form-control" type="search" name="googlesearch" required />
165  </p>
166  <p>
167    <input class="btn btn-success" name="submit" type="submit" value="Save" onclick="val()" />
168    <input class="btn btn-danger" type="reset" name="r" value="Cancel" />
169  </p>
170  <span id="str"> </span>
171 </form>
172
173  <!-- Optional JavaScript -->
174  <!-- JQuery first, then Popper.js, then Bootstrap JS -->
175  <script src="https://code.jquery.com/jquery-3.4.1.min.js" integrity="sha384-J6qa4849bE2+poT4WnyKhv5VF5SrPo01EjwBvKU7imGFAV0wvj1yYFoRSjOz+n" crossorigin="anonymous"></script>
176  <script src="https://cdn.jsdelivr.net/npm/popper.js@1.16.0/dist/umd/popper.min.js" integrity="sha384-Q6E9RHrbZJ3oBFyqG0e4tRwPxFnJZPh5kERJ0s/aX1x2u9L7I4JG6P1xtJqKN9+QVvoxMfoAo" crossorigin="anonymous"></script>
177  <script src="https://cdn.jsdelivr.net/npm/bootstrap@4.4.1/dist/js/bootstrap.min.js" integrity="sha384-wfSD2E50Y2DiuUdj003uMBJnju0d4lh7wyaYdiqfkjt00od8GCEx130g8IfwB6" crossorigin="anonymous"></script>
178
179 </body>
180 </html>
```

Output :

localhost/LAB%203/exercise12.html? Import favorites Phonlapat Suanghir... se-study - SE66 Do... Gmail YouTube Learn React: Introd... CCNA 1 v7 Module...

Study of DOM In Java Script

Validation of Registration Form

Enter First Name :

Enter Last Name :

Enter Email

Enter Alternate Email Enter email address

Enter Password

Enter Confirm Password

Enter contact Number

Enter Age

Gender
 Male Female

Enter Credit Card Number

Search On Google

[DOM Validation](#)

Exercise 13

Before

Code :

Exercise13.xml

```
exercise13.xml x Library_xml.css
exercise13 > exercise13.xml
1  <?xml version="1.0" encoding="UTF-8"?>
2  <!--Formatting XML with CSS and Validate using external DTD-->
3  <?xml-stylesheet type="text/css" href="library_xml.css"?>
4  <!DOCTYPE Library SYSTEM "library.dtd">
5  <!--XML Validation using Internal DTD <!DOCTYPE Library
6  [
7    <!ELEMENT Library (#PCDATA|Book)*>
8    <!ELEMENT Book (Bid,BName,Price,Author)>
9    <!ELEMENT Author (FName|LName)*>
10   <!ELEMENT FName (#PCDATA)>
11   <!ELEMENT LName (#PCDATA)>
12   <!ELEMENT Bid (#PCDATA)>
13   <!ELEMENT BName (#PCDATA)>
14   <!ELEMENT Price (#PCDATA)>
15   <!ATTLIST Book
16     Language CDATA #FIXED "English"
17     Publication CDATA #REQUIRED
18     Avialable (Yes|No) "No"
19   ] >-->
20 <Library>
21 This is a library XML document with CSS and Validate using external DTD
22 <Book Publication="2011" Avialable="Yes">
23   <Bid>101</Bid>
24   <BName>Let Us C</BName>
25   <Price>430</Price>
26   <Author>
27     <FName>Yashwant</FName>
28     <LName>Kanetkar</LName>
29     <FName>Abc</FName>
30   </Author>
31 </Book>
32   <Book Language="English" Publication="2011" Avialable="No">
33     <Bid>201</Bid>
34     <BName>Let Us Cpp</BName>
35     <Price>430</Price>
36     <Author>
37       <LName>Kanetkar</LName>
38       <FName>Yashwant</FName>
39     </Author>
40   </Book> </Library>
41 Library.dtd
42 <?xml version="1.0" encoding="UTF-8"?>
43 <!ELEMENT Library (#PCDATA|Book)*>
44 <!ELEMENT Book (Bid,BName,Price,Author)>
45 <!ELEMENT Author (FName|LName)*>
46 <!ELEMENT FName (#PCDATA)>
47 <!ELEMENT LName (#PCDATA)>
48 <!ELEMENT Bid (#PCDATA)>
49 <!ELEMENT BName (#PCDATA)>
50 <!ELEMENT Price (#PCDATA)>
51 <!ATTLIST Book Language CDATA #FIXED "English" Publication CDATA #REQUIRED Avialable (Yes|No) "No">
```

F

Library_xml.css

```
exercise13 > ⚏ Library_xml.css > ↗ BName
 1  /* CSS Document */
 2  Library
 3  { background-color:#FFFF99; }
 4  Book
 5  {
 6  display:block; margin-bottom:30pt; margin-left:0;
 7  }
 8  Bid
 9  { color:#FF0000; font-size:24px; font-family:"Monotype Corsiva"; }
10 BName,Price,Author
11 { display:block; color:#663399; margin-left:20pt; }
```

Output :

This page contains the following errors:

error on line 41 at column 1: Extra content at the end of the document

Below is a rendering of the page up to the first error.

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

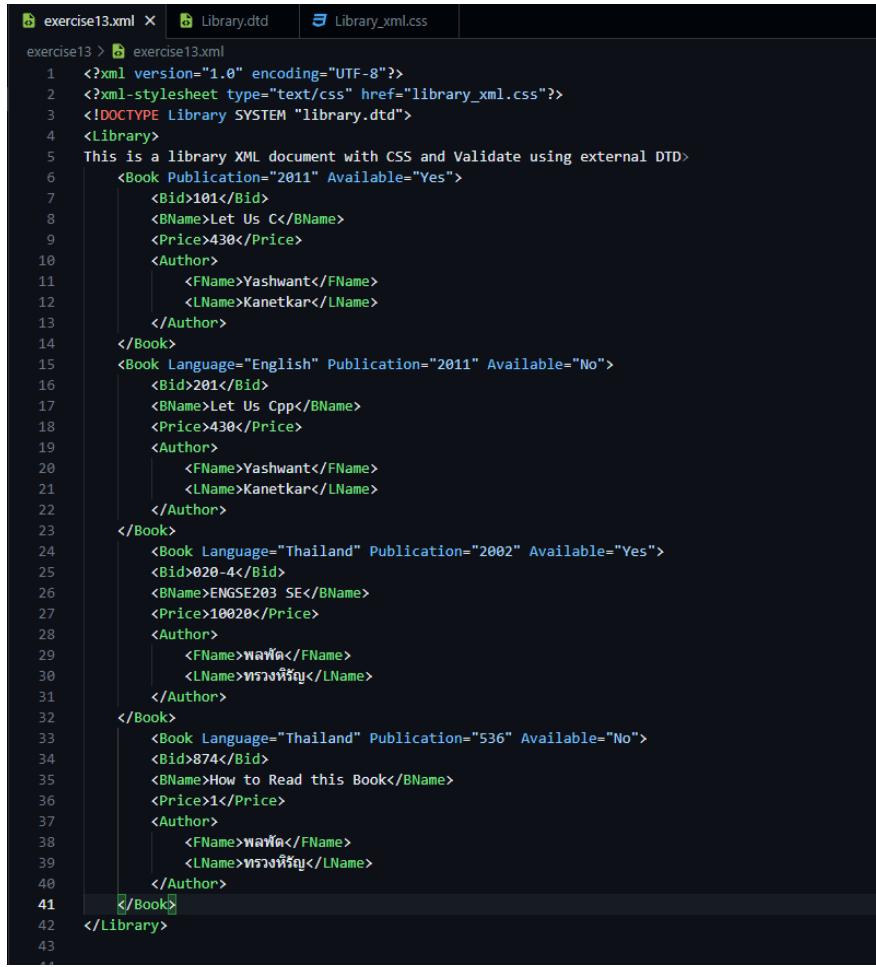
101
Let Us C
430
Yashwant Kanetkar Abc

201
Let Us Cpp
430
Kanetkar Yashwant

After

Code :

Exercise13.xml



The screenshot shows a code editor with three tabs: 'exercise13.xml' (active), 'Library.dtd', and 'Library_xml.css'. The 'exercise13.xml' tab displays the following XML code:

```
1  <?xml version="1.0" encoding="UTF-8"?>
2  <?xml-stylesheet type="text/css" href="library_xml.css"?>
3  <!DOCTYPE Library SYSTEM "library.dtd">
4  <Library>
5  This is a library XML document with CSS and Validate using external DTD>
6      <Book Publication="2011" Available="Yes">
7          <Bid>101</Bid>
8          <BName>Let Us C</BName>
9          <Price>430</Price>
10         <Author>
11             <FName>Yashwant</FName>
12             <LName>Kanetkar</LName>
13         </Author>
14     </Book>
15     <Book Language="English" Publication="2011" Available="No">
16         <Bid>201</Bid>
17         <BName>Let Us Cpp</BName>
18         <Price>430</Price>
19         <Author>
20             <FName>Yashwant</FName>
21             <LName>Kanetkar</LName>
22         </Author>
23     </Book>
24     <Book Language="Thailand" Publication="2002" Available="Yes">
25         <Bid>020-4</Bid>
26         <BName>ENGSE203 SE</BName>
27         <Price>10020</Price>
28         <Author>
29             <FName>พลพิร</FName>
30             <LName>ธรรมทิพย</LName>
31         </Author>
32     </Book>
33     <Book Language="Thailand" Publication="536" Available="No">
34         <Bid>874</Bid>
35         <BName>How to Read this Book</BName>
36         <Price>1</Price>
37         <Author>
38             <FName>พลพิร</FName>
39             <LName>ธรรมทิพย</LName>
40         </Author>
41     </Book>
42 </Library>
```

Library_xml.css

```
exercise13.xml Library.dtd Library_xml.css ...
1 body {
2     font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
3     background-color: #f5f5f5;
4     margin: 0;
5     padding: 0;
6 }
7
8 /* Library styles */
9 Library {
10     max-width: 800px;
11     margin: 20px auto;
12     background-color: #f9f9f9;
13     padding: 30px;
14     border-radius: 12px;
15     box-shadow: 0 0 20px rgba(0, 0, 0, 0.1);
16 }
17
18 /* BName, Price, Author styles */
19 BName,
20 Price,
21 Author {
22     display: block;
23     margin-left: 20px;
24     margin-top: 12px;
25     color: #512da8;
26     font-size: 18px;
27 }
28
29 /* Book styles */
30 Book {
31     display: block;
32     margin-bottom: 30px;
33     padding: 15px;
34     background-color: #fff;
35     border-radius: 6px;
36     box-shadow: 0 2px 5px rgba(0, 0, 0, 0.1);
37     transition: transform 0.3s ease-in-out;
38 }
39 Book:hover {
40     transform: translateY(-5px);
41 }
42
43 Book:nth-child(even) {
44     background-color: #f7f7f7;
45 }
```

```
45 }
46 /* Bid styles */
47 Bid {
48     color: #FF0000;
49     font-size: 24px;
50     font-family: "Monotype Corsiva", cursive;
51 }
```

Output :

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

101

Let Us C
430
Yashwant Kanetkar

201

Let Us Cpp
430
Yashwant Kanetkar

020-4

ENGSE203 SE
10020
ผลพัฒ ทรงพิรุณ

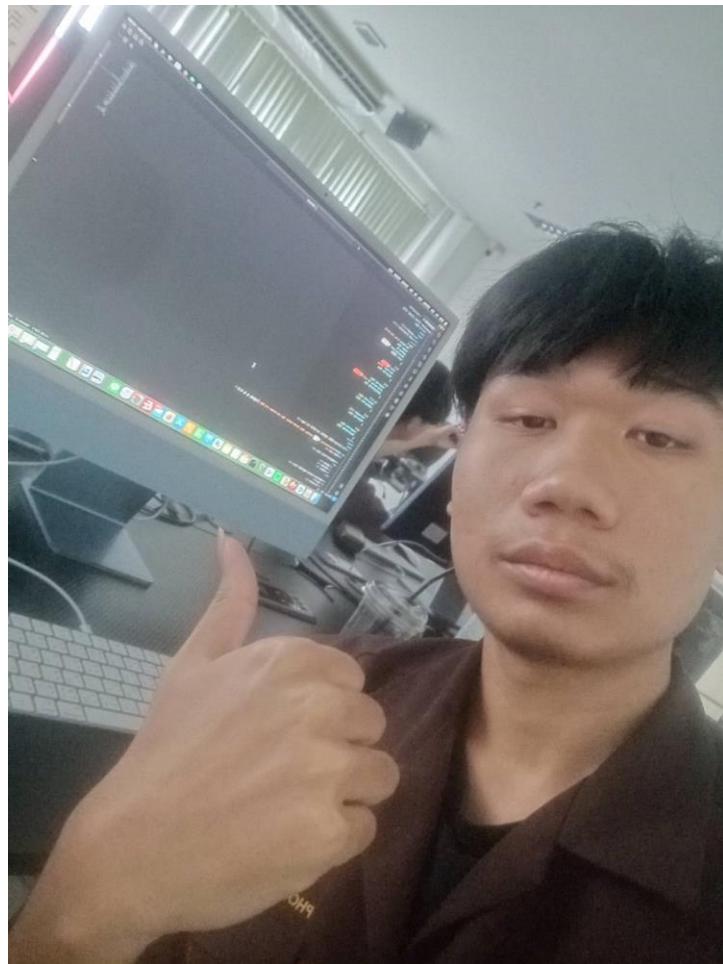
874

How to Read this Book
1
ผลพัฒ ทรงพิรุณ

[localhost/LAB 3/exercise13/exercise13.xml](http://localhost/LAB%203/exercise13/exercise13.xml)

รูประหว่างทำงาน

Exercise 1-9 (ทำในห้อง mac)



Exercise 10-13 (ກຳທີ່ຫອ)

