

## LAB 2 Web Technology LAB

### Lab Exercise 1

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Chawanrak</title>
</head>
<body>
    <h1>Hello Fang!!</h1>
</body>
</html>
```

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Chawanrak</title>
</head>
<body>
    <h1>Chawanrak| Fang!!</h1>
</body>
</html>
```

### Lab Exercise 2

This is h1 tag text with center aligned

This is h2 tag text with left aligned

This is h3 tag text with right aligned

To illustrate text formatting tags

This is italicized  
This is underlined  
This is bold  
This is emphasized  
This is Strong Text  
This is strikethrough  
This is computer code  
This is superscript code  
This is subscript code

This is an alternate Marquee text

```

<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link rel="preconnect" href="https://fonts.googleapis.com">
    <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
    <link href="https://fonts.googleapis.com/css2?family=Playfair+Display&display=swap" rel="stylesheet">
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-T3c6Coil9T9TnE97RxnatjcdSCmG1MXxSR1GAsXEV/Dwwykc2MPK8M2HN" crossorigin="anonymous">
    <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/js/bootstrap.bundle.min.js" integrity="sha384-CGRzsynMSkkDrMNeT87bh950GnyZPhcTNXj1Nw7RuBCsyN/o8jlpcV80yq46cDfL" crossorigin="anonymous"></script>
    <title>Chawanrak</title>
</head>

<style>
    body {
        font-family: 'Playfair Display', serif;
        background-color: #F0F8FF;
        text-align: #660000;
    }
    font {
        font-family: 'Playfair Display', serif;
    }
    pre {
        font-family: 'Playfair Display', serif;
    }
</style>

<body text="#660000">
    Illustration of body tag with its properties
    <!-- This is a comment -->
    <pre>This text uses pre tag and preserves nextline and spaces </pre>
    <p>This text doesn't use pre tag so doesn't preserve nextline and spaces.. everything will be printed
        in the same line:</p>
    <font face="arial" size="6" color="blue"> WELCOME- Example of font tag </font>
    <div class="alert alert-info" role="alert">
        <h1 align="center"> This is h1 tag text with center aligned </h1>
    </div>
    <h2 align="left"> This is h2 tag text with left aligned </h2>
    <h3 align="right"> This is h3 tag text with right aligned </h3>
    <h4> This is h4 tag text without alignment</h4>
    <h5> This is h5 tag Text without alignment </h5>
    <h6> This is h6 tag text without alignment </h6>
    <center>
        <h1 align="center"> To illustrate text formatting tags </h1>
        <hr color="red">
        <div class="alert alert-primary" role="alert">
            <marquee behavior="scroll" direction="right"> This is an alternate Marquee text</marquee>
        </div>
        <p> This is <i> italicized </i> </p>
        <p> This is <u> underlined </u> </p>
        <p> This is <b> bold </b> </p>
        <p> This is <em> emphasized </em> </p>
        <p> This is <strong> Strong Text </strong> </p>
        <p> This is <s> striked text </s> </p>
        <p> This is <code> computer code </code> </p>
        <p> This is <sup> superscript </sup> code </p>
        <p> This is <sub> subscript </sub> code </p>
        <p> This is <big> big text </big> </p>
        <p> This is <small> small text </small> </p>
    </center>
</body>
</html>

```

## Lab Exercise 3



To illustrate ORDER ,UNORDER and NESTED list tags

Order List

Numbered Fruits list:

- 1. Apples
- 2. Bananas
- 3. Lemons

Uppercase Letters Vegitable list:

- A. Brinjals
- B. Carrots
- C. Cabbage

Roman numbers Shopping list:

- I. T Shirt
- II. Jeans
- III. Sandle

Unorder List

Square bullets list:

- Brinjals
- Carrots
- Cabbage

A Definition List:

**Bangalore**

-Capital City of Karnataka

**Mumbai**

-Capital city of Maharashtra

Disc bullets list:

- T Shirt
- Jeans
- Sandle

An ordered nested List :

- 1. Coffee
- 2. Tea
  - d. Black tea
  - e. Green tea
  - a. Ice tea
    - i. China
    - ii. Africa
- 3. Milk

A Definition List:

**Bangalore**

-Capital City of Karnataka

**Mumbai**

-Capital city of Maharashtra

```

<style>
    body {
        font-family: 'Roboto Condensed', sans-serif;
    }

    table {
        width: 100%;
        table-layout: fixed;
    }

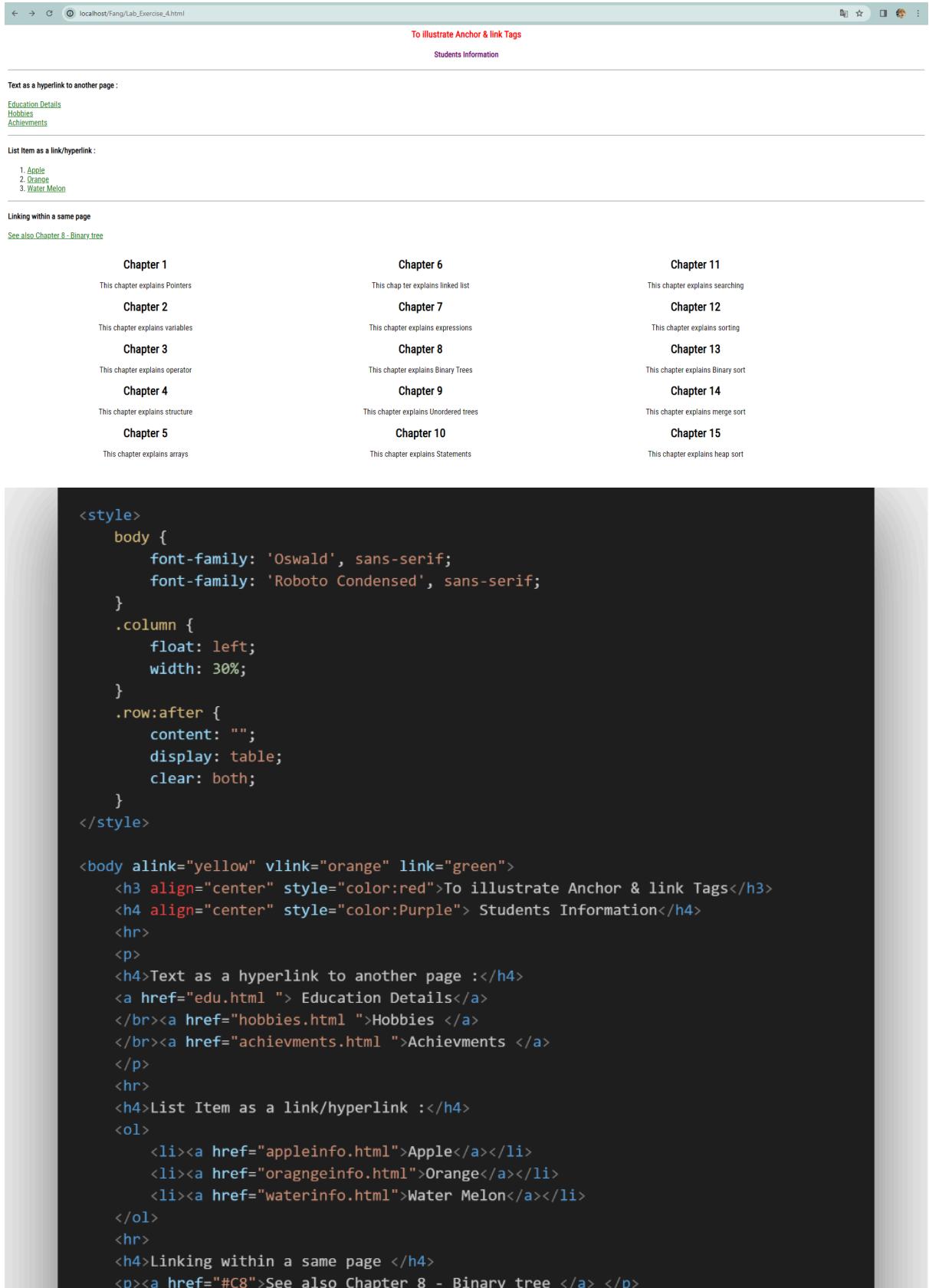
    td {
        vertical-align: top;
        width: 50%;
        padding: 10px;
    }
</style>

<body>
    <h3 align="left" style="color:red">
        To illustrate ORDER ,UNORDER and NESTED list tags
    </h3>
    <table>
        <tr>
            <td>
                <h5> Order List</h5>
                <h4>Numbered Fruits list:</h4>
                <ol>
                    <li>Apples</li>
                    <li>Bananas</li>
                    <li> Lemons</li>
                </ol>
                <h4>Uppercase Letters Vegieable list:</h4>
                <ol type="A">
                    <li>Brinjals</li>
                    <li>Carrots</li>
                    <li>Cabbage</li>
                </ol>
                <h4>Roman numbers Shopping list:</h4>
                <ol type="I">
                    <li>T Shirt</li>
                    <li>Jeans</li>
                    <li> Sandle</li>
                </ol>
                <h5> Unorder List</h5>
                <h4>Square bullets list:</h4>
                <ul type="square">
                    <li>Brinjals</li>
                    <li>Carrots</li>
                    <li>Cabbage</li>
                </ul>
            </td>
        </tr>
    </table>
</body>

```

```
<td>
    <h4>Disc bullets list:</h4>
    <ul type="disc">
        <li>T Shirt</li>
        <li>Jeans</li>
        <li> Sandle</li>
    </ul>
    <h4> An ordered nested List : </h4>
    <ol>
        <li> Coffee </li>
        <li> Tea</li>
        <ol type="a" start="4">
            <li> Black tea </li>
            <li> Green tea </li>
            <li value="1"> Ice tea </li>
            <ol type="i">
                <li> China </li>
                <li> Africa </li>
            </ol>
        </ol>
        <li> Milk </li>
    </ol>
    <h4> A Definition List: </h4>
    <dl>
        <dt> Bangalore </dt>
        <dd> -Capital City of Karnataka </dd>
        <dt> Mumbai</dt>
        <dd> -Capital city of Maharashtra </dd>
    </dl>
</td>
</tr>
</table>
</body>
```

# Lab Exercise 4



The screenshot shows a web browser window with the URL [localhost/Fang/Lab\\_Exercise\\_4.html](http://localhost/Fang/Lab_Exercise_4.html). The page title is "To illustrate Anchor & link Tags". A header "Students Information" is present. Below it, there are sections for "Text as a hyperlink to another page:" and "List Item as a link/hyperlink:". The "Text as a hyperlink to another page:" section contains three links: "Education Details", "Hobbies", and "Achievements". The "List Item as a link/hyperlink:" section contains a list: "1. Apple", "2. Orange", and "3. Water Melon". At the bottom, there is a note "Linking within a same page" followed by a link "See also Chapter 8 - Binary tree".

**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 tree](#)

Chapter 1	Chapter 6	Chapter 11
This chapter explains Pointers	This chapter explains linked list	This chapter explains searching
Chapter 2	Chapter 7	Chapter 12
This chapter explains variables	This chapter explains expressions	This chapter explains sorting
Chapter 3	Chapter 8	Chapter 13
This chapter explains operator	This chapter explains Binary Trees	This chapter explains Binary sort
Chapter 4	Chapter 9	Chapter 14
This chapter explains structure	This chapter explains Unordered trees	This chapter explains merge sort
Chapter 5	Chapter 10	Chapter 15
This chapter explains arrays	This chapter explains Statements	This chapter explains heap sort

```
<style>
    body {
        font-family: 'Oswald', sans-serif;
        font-family: 'Roboto Condensed', sans-serif;
    }
    .column {
        float: left;
        width: 30%;
    }
    .row:after {
        content: "";
        display: table;
        clear: both;
    }
</style>

<body alink="yellow" vlink="orange" link="green">
    <h3 align="center" style="color:red">To illustrate Anchor & link Tags</h3>
    <h4 align="center" style="color:Purple"> Students Information</h4>
    <hr>
    <p>
        <h4>Text as a hyperlink to another page :</h4>
        <a href="edu.html" > Education Details</a>
        <br><a href="hobbies.html" >Hobbies </a>
        <br><a href="achievements.html" >Achievements </a>
    </p>
    <hr>
    <h4>List Item as a link/hyperlink :</h4>
    <ol>
        <li><a href="appleinfo.html">Apple</a></li>
        <li><a href="orangeinfo.html">Orange</a></li>
        <li><a href="waterinfo.html">Water Melon</a></li>
    </ol>
    <hr>
    <h4>Linking within a same page </h4>
    <p><a href="#C8">See also Chapter 8 - Binary tree </a> </p>

```

```
<div class="row">
    <div class="column" align="center">
        <h2>Chapter 1</h2>
        <p>This chapter explains Pointers</p>
        <h2>Chapter 2</h2>
        <p>This chapter explains variables</p>
        <h2>Chapter 3</h2>
        <p>This chapter explains operator</p>
        <h2>Chapter 4</a></h2>
        <p>This chapter explains structure</p>
        <h2>Chapter 5</h2>
        <p>This chapter explains arrays</p>
    </div>
    <div class="column" align="center">
        <h2>Chapter 6</h2>
        <p>This chapter explains linked list</p>
        <h2>Chapter 7</h2>
        <p>This chapter explains expressions</p>
        <h2><a name="C8">Chapter 8</h2>
        <p>This chapter explains Binary Trees</p>
        <h2>Chapter 9</h2>
        <p>This chapter explains Unordered trees</p>
        <h2>Chapter 10</h2>
        <p>This chapter explains Statements</p>
    </div>
    <div class="column" align="center">
        <h2>Chapter 11</h2>
        <p>This chapter explains searching</p>
        <h2>Chapter 12</h2>
        <p>This chapter explains sorting</p>
        <h2>Chapter 13</h2>
        <p>This chapter explains Binary sort</p>
        <h2>Chapter 14</h2>
        <p>This chapter explains merge sort</p>
        <h2>Chapter 15</h2>
        <p>This chapter explains heap sort</p>
    </div>
</div>
</body>
```

## Lab Exercise 5

localhost/Fang/Lab\_Exercise\_5.html

### Study of image tag

#### Online Mobile Shopping

[Latest Moblies](#)



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.



Best Entertainment on big screenOptimise 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..



**Float the image to the right:**

A paragraph with a floating image. A paragraph with a floating image. A paragraph with a floating image.



**Float the image to the left:**

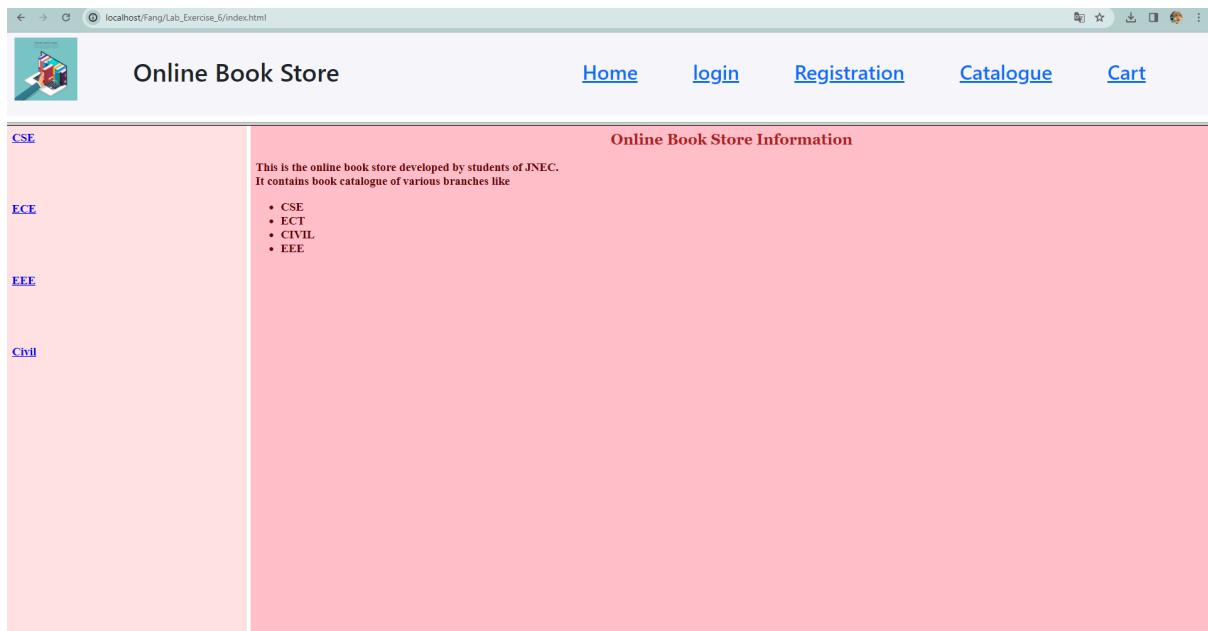
 A paragraph with a floating image. A paragraph with a floating image. A paragraph with a floating image.

```

<style>
    body {
        font-family: 'Oswald', sans-serif;
        font-family: 'Roboto Condensed', sans-serif;
    }
</style>
<body>
    <center>
        <h3> Study of image tag</h3>
        <h4> Online Mobile Shopping</h4>
    </center>
    <font color="#6633CC"><u>Latest Moblies</u></font>
    <marquee> <a href="http://www.samsung.com/in/home/">
         &ampnbsp<
    img src="images/m2.png"
        alt="apple phone" width="128" height="128">
        &ampnbsp
        &ampnbsp</a></marquee>
    <table>
        <tr>
            <td bgcolor="#FFE4E1">
                
                <p style="font-size:18px">
                    Now enjoy clearer and sharper images on your Galaxy J7 (2016), thanks
                    to the larger and more vivid sAMOLED display. With vibrant colours an
                    d deeper contrast,
                    everything that you watch on the Galaxy J7 (2016) is as lively as you
                    ride.
                </p>
                </td>
            </tr>
            <tr>
                <td bgcolor="#AFEEEE">
                    
                    <p style="font-size:18px">
                        Best Entertainment on big screenOptimise your music, video and
                        gaming experience thanks to its 7.20 cm (2.8) QVGA display. Packed wi
                        th 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>
                </td>
            </tr>
        </table>
        <br><br><br>
        <p><strong>Float the image to the right:</strong></p>
        <p> 
            A paragraph with a floating image. A paragraph with a floating image. A paragraph
            with a floating
            image.
        </p>
        <br><br>
        <p><strong>Float the image to the left:</strong></p>
        <p> 
            A paragraph with a floating image. A paragraph with a floating image. A paragraph
            with a floating
            image.
        </p>
    </body>

```

# Lab Exercise 6



index.html

```
<html>
<head>
<frameset rows="15%,*">
<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>
</head>
</html>
```

## topframe.html

```
<html>
  <head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/css/bootstrap.min.css" rel="stylesheet"
      integrity="sha384-T3c6ColigULrA9TneNEoa7RxnatjzjDSCmGIMXsR16AsXEV/DwykczMPK8M2HN" crossorigin="anonymous">
    <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/js/bootstrap.bundle.min.js"
      integrity="sha384-C6RzsymMDKMDrNet87bH9506NyZPnCNXjJNwYRUCsyU/08lpcvB0yq46cDFL"
      crossorigin="anonymous"></script>
  <title>Online Book Store</title>
</head>
<body>
  <nav class="navbar bg-body-tertiary">
    <div class="container-fluid">
      <p> 
      <h1 align="center">Online Book Store</h1>
    </p> <br>
    <p>
      <h2>&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;</h2>
      <a href="homepage.html" target="_parent">Home</a>
      &nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;
      <a href="login.html" target="f3">login</a>
      &nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;
      <a href="registration.html" target="f3">Registration</a>
      &nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;
      <a href="catalogue.html" target="f3">Catalogue</a>
      &nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;
      <a href="cart.html" target="f3">Cart</a>&nbsp;
    </p>
  </div>
  </nav>
</body>
</html>
```

## leftframe.html

```
<html>
  <body bgcolor="#FFE4E1">
    <a href="cse.html" target="f3">
      <h3>CSE</h3>
    </a><br><br><br>
    <a href="ece.html" target="f3">
      <h3>ECE</h3>
    </a><br><br><br>
    <a href="eee.html" target="f3">
      <h3>EEE</h3>
    </a><br><br><br>
    <a href="civil.html" target="f3">
      <h3>Civil</h3>
    </a>
  </body>
</html>
```

## rightframe.html

```
<html>
  <body bgcolor="pink">
    <p>
      <h2 align="center">
        <font face="Georgia, Times New Roman, Times, serif" color="#B22222">Online
          Book Store Information</font>
      </h2>
      <h3>
        <font face="monotypecorsiva" color="#660000">This is the online book store developed by
          students of JNEC.
        <br />It contains book catalogue of various branches like <ul>
          <li> CSE</li>
          <li> ECT</li>
          <li> CIVIL</li>
          <li> EEE</li>
        </ul>
      </font>
    </h3>
  </body>
</html>
```

# Lab Exercise 7

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	8.30-10.00	10.00-12.00	12.00-13.00	14.00-15.30	15.30-16.00	16.00-17.30	17.30-19.00
Days							
Monday	ENGRA020			ENGSE503			
TuesDay				ENGSE218			
Wednesday	ENGSE202						
Thursday	GEBLC103			ENGSE206			
Friday	ENGSE203						

```
<body>
<h3 align="left" style="color:red">To illustrate Table tags</h3>


| <center>     <h3>         MGM's JNEC Aurangabad<br>         DEPARTMENT OF MASTER OF COMPUTER APPLICATION<br> W.E.F- 12-July-2016     </center> |                           |             |             |                           |             |                                                                                     |             |
|------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------|-------------|---------------------------|-------------|-------------------------------------------------------------------------------------|-------------|
| <caption align="left">Class: SYMCA Hall.No:FF49</caption>                                                                                      |                           |             |             |                           |             |                                                                                     |             |
| Periods                                                                                                                                        | 8.30-10.00                | 10.00-12.00 | 12.00-13.00 | 14.00-15.30               | 15.30-16.00 | 16.00-17.30                                                                         | 17.30-19.00 |
| Days                                                                                                                                           |                           |             |             |                           |             |                                                                                     |             |
| Monday                                                                                                                                         | <center>ENGRA020</center> |             |             | <center>ENGSE503</center> |             |                                                                                     |             |
| TuesDay                                                                                                                                        |                           |             |             | <center>ENGSE218</center> |             |                                                                                     |             |
| Wednesday                                                                                                                                      | <center>ENGSE202</center> |             |             |                           |             |                                                                                     |             |
| Thursday                                                                                                                                       | <center>GEBLC103</center> |             |             | <center>ENGSE206</center> |             |                                                                                     |             |
| Friday                                                                                                                                         | <center>ENGSE203</center> |             |             |                           |             |  |             |


```

# Lab Exercise 8

Study of form tag  
STUDENT REGISTRATION FORM

FirstName:	<input id="id1" maxlength="20" name="id1" size="30" type="text"/>
LastName:	<input id="id2" maxlength="20" name="id2" size="30" type="text"/>
Valid Email:	<input id="id3" maxlength="50" name="id3" size="70" type="text"/>
Password:	<input id="id4" maxlength="10" name="id4" size="50" type="password"/>
PhoneNumber:	<input id="id5" maxlength="11" name="id5" size="30" type="text"/>
Address :	<input cols="50" id="addr" name="addr" rows="6" type="text"/>
Gender:	<input checked="" type="radio" value="male"/> Male <input type="radio" value="female"/> Female
Date of Birth:	<input id="dob" name="dob" type="text"/>
Qualifications:	<input id="ssc" name="ssc" type="text" value="SSC Percentage"/> <input id="hsc" name="hsc" type="text" value="HSC Percentage"/> <input id="bca" name="bca" type="text" value="BCA Percentage"/> <input id="mca" name="mca" type="text" value="MCA Percentage"/> <input id="mba" name="mba" type="text" value="MBA Percentage"/>
Experience	<input id="exp" name="exp" type="text" value="0-1Year"/>
Upload Photo	<input id="photo" name="photo" type="file"/> <input type="button" value="Select File"/> <input type="button" value="Reset"/>

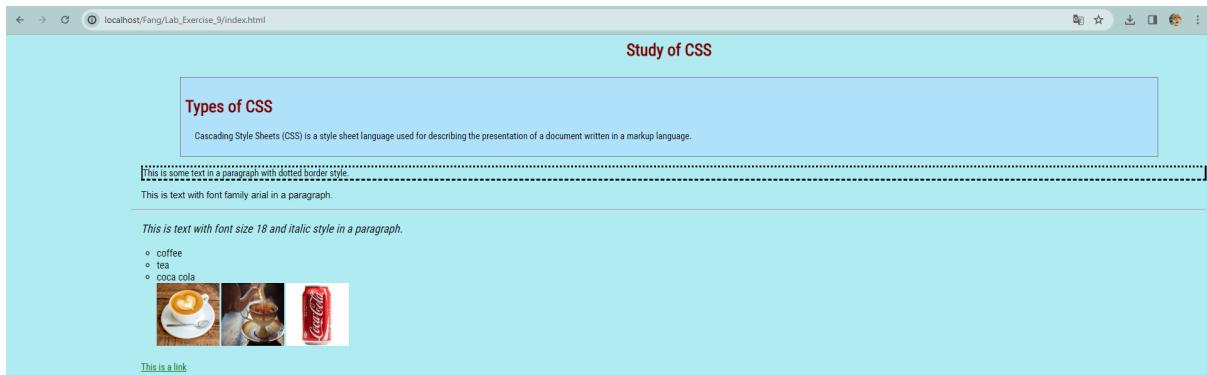
```
<html>
<head>
    <link rel="stylesheet" href="https://www.w3schools.com/w3css/4/w3.css">
    <link rel="preconnect" href="https://fonts.googleapis.com">
    <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
    <link href="https://fonts.googleapis.com/css2?family=Itim&display=swap" rel="stylesheet">
    <title>RegistrationForm</title>
</head>
<style>
    body {
        font-family: 'Itim', cursive;
    }
    .w3-byn{
        width: 150px;
    }
</style>
<body bgcolor="#ece4d4">
    <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" align="center">
            <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>
        </table>
    </form>
</body>
```

```

<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">
        <center>
            <input type="submit" value="Submit" class="w3-button w3-green"
                onClick="alert('Your Application have been Submitted');">
            &nbsp;&nbsp;<input type="reset" value="Reset" class="w3-button w3-red"
                onClick="alert('Your Applicationis not Submitted');"/>
        </center>
    </td>
</tr>
</table>
</body>
</html>

```

# Lab Exercise 9



## index.html

```
<html>
<head>
    <link rel="preconnect" href="https://fonts.googleapis.com">
    <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
    <link href="https://fonts.googleapis.com/css2?family=Oswald&family=Roboto+Condensed&display=swap" rel="stylesheet">
    <title>css examples</title>
    <link rel="stylesheet" type="text/css" href="abc.css" />
    <style type="text/css">
        body {
            font-family: 'Oswald', sans-serif;
            font-family: 'Roboto Condensed', sans-serif;
            margin-left: 200px;
            background: #b2ebf2 url('img_tree.png') no-repeat top left;
        }
        h3 {
            text-align: center;
        }
        div.abc {
            border: 1px solid gray;
            margin-left: auto;
            margin-right: auto;
            width: 90%;
            background-color: #b3e5fc;
            text-align: left;
            padding: 8px;
        }
        ul.abc {
            list-style: circle;
        }
        #xyz {
            font-size: 18px;
            font-style: italic;
        }
    </style>
</head>
<body>
    <h3> Study of CSS </h3>
    <div class="abc">
        <h2>Types of CSS</h2>
        <p>Cascading Style Sheets (CSS) is a style sheet language used for describing the presentation of a document written in a markup language.</p>
    </div>
    <p style="border-style:dotted solid dashed double">This is some text in a paragraph with dotted border style.</p>
    <p style="font-family:Arial, Helvetica, sans-serif">This is text with font family arial in a paragraph.</p>
    <hr />
    <p id="xyz">This is text with font size 18 and italic style in a paragraph.</p>
    <ul class="abc">
        <li>coffee</li>
        <li>tea</li>
        <li>coca cola</li>
        
        
        
    </ul><br><br><br><br>
    <p><a href="abc.html" target="_blank">This is a link</a></p>
</body>
</html>
```

## abc.css

```
h2,h3 {  
    color:maroon;  
    font-size:20pt  
}  
hr {  
    color:navy  
}  
p {  
    font-size:11pt;  
    margin-left: 15px  
}  
a:link {  
    color:green  
}  
a:visited {  
    color:yellow  
}  
a:hover{  
    color:black  
}  
a:active {  
    color:blue  
}
```

# Lab Exercise 10

localhost/Fang/Lab\_Exercise\_10.html

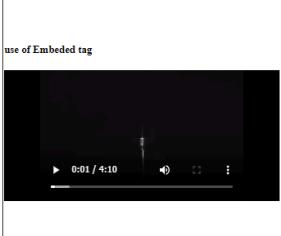
Study of Embedding Multimedia

use of Linking

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

Audio & Video Library

use of Embedded tag



use of Video tag



use of Iframe tag



use of Object tag for you tube video



use of Object tag



use of Object tag for Pdf File



```
<html>
<body>
    <h3> Study of Embedding Multimedia </h3>
    <h4>use of Linking</h4>
    <a href="1.mp3"> Audio song </a>&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;
    <a href="2.mp4"> Video Song</a>&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;
    <a href="a.pdf" target="1"> Open pdf file</a>&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;
    <a href="intro.docx" target="1"> Open DOC file</a><br>
    <h2> Audio & Video Library</h2>
    <table border="2" cellspacing="30">
        <tr>
            <td>
                <h4>use of Embedded tag</h4> <embed width="420" height="200" src="2.mp4">
            </td>
            <td>
                <h4>use of Video tag</h4>
                <video width="320" height="240" autoplay>
                    <source src="1.mp4" type="video/mp4">
                </video>
            </td>
            <td>
                <h4>use of Iframe tag</h4>
                <iframe width="420" height="345" src="https://www.youtube.com/embed/Uj4AWaR7gjU?si=W-Ez9T2X3jLBEXC1">
                </iframe>
            </td>
        </tr>
        <tr>
            <td>
                <h4>use of Object tag for you tube video</h4>
                <object width="425" height="350">
                    <param name="movie" value="http://www.youtube.com/v/tIBxavsiHzM" />
                    <embed src="http://www.youtube.com/v/tIBxavsiHzM" type="application/x-shockwave-flash" width="425"
                           height="350" />
                </object>
            </td>
            <td>
                <h4>use of Object tag</h4>
                <object data="2.mp4" width="320" height="240"> </object>
            </td>
            <td>
                <h4>use of Object tag for Pdf File</h4>
                <object data="a.pdf" type="application/pdf" width="425" height="350">
                </object>
            </td>
        </tr>
    </table>
</body>
</html>
```

# Lab Exercise 11

A screenshot of a web browser window titled "localhost/Fang/Lab\_Exercise\_11.html". The page contains a form with a text input field labeled "Enter a number" containing the value "6". Below the input field are two buttons: "Submit" (blue) and "Cancel" (light blue).

A screenshot of a web browser window titled "localhost/Fang/Lab\_Exercise\_11.html". The page displays the numbers 0, 1, 1, 2, 3, 5, followed by the text "study of Java Script".

## Calculating the fibonacci series

[refresh] [Open new Window] [Go back two pages] [show today date]

A screenshot of a web browser window titled "localhost/Fang/Lab\_Exercise\_11.html". The page displays the text "Date Constructor".

Date1 Constructor without parameter==Mon Dec 25 2023 12:28:09 GMT+0700 (ເວລາອິນໂດຈິນ)  
Date1 Constructor without parameter == Mon, 25 Dec 2023 05:28:09 GMT  
getHours() Method in date1 == 12

```
<html>
    <head>
        <script type="text/javascript">
            var n, a = 0, b = 1, c
            n = prompt("Enter a number ", "")
            if (n <= 0)
                alert("Invalid number")
            else {
                if (n == 1)
                    document.write(a)
                else
                    document.write(a + "<br />" + b)
                for (i = 2; i < n; i++) {
                    c = a + b; a = b; b = c; document.write("<br />" + c)
                }
            }
            function date() {
                document.write("<h2 style='color:red;'>Date Constructor</h2>");
                var date1 = new Date();
                document.write("<br><b style='color:red;'>Date1 Constructor without parameter==</b>" + date1);
                document.write("<br><b style='color:red;'>Date1 Constructor without parameter ==</b> " + date1.toGMTString());
                document.write('<br><b style="color:purple;">getHours() Method in date1 ==</b> ' + date1.getHours());
            }
        </script>
    </head>

    <body>
        <h3>study of Java Script</h3>
        <h1>Calculating the fibonacci series</h1>
        <input type="button" onClick="location.href='11.html'" value='refresh'>
        <input type="button" value="Open new Window" onclick="window.open('2.html')">
        <input type="button" value="Go back two pages" onclick="history.go(-2)" />
        <input type="button" value="show today date" onclick="date()" />
    </body>
</html>
```

# Lab Exercise 12

Study of DOM In Java Script

Validation of Registration Form

Enter First Name:

Enter Last Name:

Enter Email:

Enter Alternate Email:

Enter Password:

Enter Confirm Password:

Enter contact Number:

Enter Age:

Gender  Male  Female

Enter Credit Card Number:

Search On Google:

save cancel

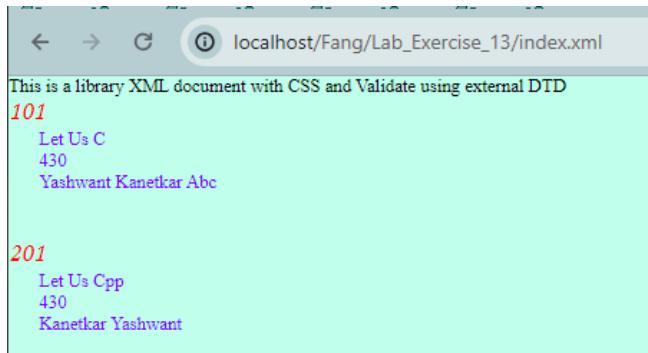
```
<html>
<head>
<link rel="stylesheet" href="https://www.w3schools.com/w3css/4/w3.css">
<link rel="preconnect" href="https://fonts.googleapis.com">
<link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
<link href="https://fonts.googleapis.com/css2?family=Itim&display=swap" rel="stylesheet">
<title>DOM Validation</title>
<script type="text/javascript">
    function val() {
        var n = document.f1.name.value;
        var a = document.f1.age.value;
        var e = document.f1.email.value;
        var p = document.f1.pass.value;
        var p1 = document.f1.c_pass.value;
        var g = document.f1.gender.value;
        var pos = e.indexOf('@');
        var dotpos = e.indexOf('.');
        var lastdotpos = e.lastIndexOf('.');
        var str = e.substring(pos + 1, lastdotpos);
        if (n == "" || a == "" || e == "" || p == "" || p1 == "") {
            alert("Fill all the fields");
            return true;
        }
        if (!(a >= 18 && a <= 55)) { alert("You are not eligible,age range should be 18-55"); return true; }
        if (n.length < 2) {
            alert("Name Should be greater than 2 char"); return true;
        }
        if (p != p1) {
            alert("Your Password does not match with Confirm Password");
            document.forms[0].p.value = "";
            document.forms[0].p1.value = "";
            document.forms[0].p.focus();
            return true;
        }
        if ((document.f1.gender[0].checked == false) && (document.f1.gender[1].checked == false)) {
            alert("please select the radio button")
            document.form1.r1[0].focus()
            return true;
        }
        if (pos > lastdotpos) {
            alert("Enter domain name "); return true;
        }
        else if (str.length < 5) {
            alert("email should have @ and . ");
            document.getElementById("str").innerHTML = "e.g. ravi_singhal30@yahoo.com";
            return true;
        }
        else {
            document.getElementById("str").innerHTML = "Hi...." + n + " <br>Age : " + a + " <br> Email - Id is: " + e;
            return false;
        }
    }
</script>
</head>
<style>
    body {
        font-family: 'Itim', cursive;
    }
    .w3-byn{
        width: 150px;
    }
</style>
```

```

<body>
  <center>
    <h3> Study of DOM In Java Script</h3>
    <h4> Validation of Registration Form</h4>
    <form method="post" name="f1">
      <p>
        <font color="#993300">Enter First Name :</font>
        <input name="name" type="text" />
      </p>
      <font color="#993300">Enter Last Name :</font>
      <input type="text" placeholder="Enter last name" pattern="[a-zA-Z0-9_-]{6,12}" title="must be alphanumeric in 6-12 chars" required>
      <p>
        <font color="#993300">Enter Email:</font>
        <input name="email" type="text" />
      </p>
      <p>
        <font color="#993300">Enter Alternate Email:</font>
        <input type="email" placeholder="Enter email address" required>
      </p>
      <p>
        <font color="#993300">Enter Password:</font>
        <input type="password" name="pass" />
      </p>
      <p>
        <font color="#993300">Enter Confirm Password:</font>
        <input type="password" name="c_pass" />
      </p>
      <p>
        <font color="#993300">Enter contact Number:</font>
        <input type="tel" required />
      </p>
      <p>
        <font color="#993300">Enter Age:</font>
        <input type="text" name="age" />
      </p>
      <p>
        <font color="#993300">Gender:</font>
        <input type="radio" name="gender">Male
        <input type="radio" name="gender">Female
      </p>
      <p>
        <font color="#993300">Enter Credit Card Number:</font>
        <input type="number" size="10" name="credit" min="8" max="12" title="A credit card number" required />
      </p>
      <p>
        <font color="#993300">Search On Google:</font>
        <input type="search" name="googlesearch" required>
      </p>
      <p>
        <input name="submit" type="submit" value="save" class="w3-button w3-green" onclick="val()" />
        <input type="reset" name="r" value="cancel" class="w3-button w3-red" />
      </p>
      <span id="str"> </span>
    </form>
  </center>
</body>
</html>

```

# Lab Exercise 13



index.xml

```
<?xml version="1.0" encoding="UTF-8"?>
<!--Formatting XML with CSS and Validate using external
DTD -->
<?xml-stylesheet type="text/css" href="library_xml.css"?>
<!DOCTYPE Library SYSTEM "library.dtd">
<!--XML
Validation using Internal DTD <!DOCTYPE Library
[

<!ELEMENT Library (#PCDATA|Book)*>
<!ELEMENT Book (Bid,BName,Price,Author)>
<!ELEMENT Author (FName|LName)*>
<!ELEMENT FName (#PCDATA)>
<!ELEMENT LName (#PCDATA)>
<!ELEMENT Bid (#PCDATA)>
<!ELEMENT BName (#PCDATA)>
<!ELEMENT Price (#PCDATA)>
<!ATTLIST Book
    Language CDATA #FIXED "English"
    Publication CDATA #REQUIRED
    Avialable (Yes|No) "No">
] >-->
<Library>
    This is a library XML document with CSS and Validate using external DTD
    <Book Publication="2011" Avialable="Yes">
        <Bid>101</Bid>
        <BName>Let Us C</BName>
        <Price>430</Price>
        <Author>
            <FName>Yashwant</FName>
            <LName>Kanetkar</LName>
            <FName>Abc</FName>
        </Author>
    </Book>
    <Book Language="English" Publication="2011" Avialable="No">
        <Bid>201</Bid>
        <BName>Let Us Cpp</BName>
        <Price>430</Price>
        <Author>
            <LName>Kanetkar</LName>
            <FName>Yashwant</FName>
        </Author>
    </Book>
</Library>
```

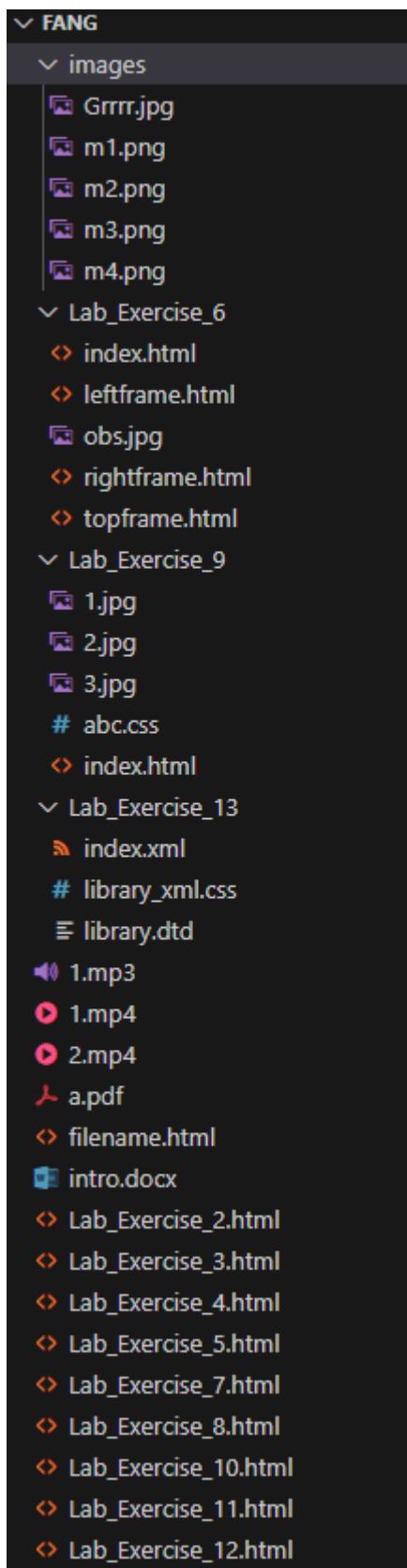
library.dtd

```
<?xml version="1.0" encoding="UTF-8"?>
<!ELEMENT Library (#PCDATA|Book)*>
<!ELEMENT Book (Bid,BName,Price,Author)>
<!ELEMENT Author (FName|LName)*>
<!ELEMENT FName (#PCDATA)>
<!ELEMENT LName (#PCDATA)>
<!ELEMENT Bid (#PCDATA)>
<!ELEMENT BName (#PCDATA)>
<!ELEMENT Price (#PCDATA)>
<!ATTLIST Book
    Language CDATA #FIXED "English"
    Publication CDATA #REQUIRED
    Avialable (Yes|No) "No">
```

## library\_xml.css

```
Library {
    background-color: #c0ffec;
}
Book {
    display: block;
    margin-bottom: 30pt;
    margin-left: 0;
}
Bid {
    color: #ff0000;
    font-size: 24px;
    font-family: "Monotype Corsiva";
}
BName,Price,Author {
    display: block;
    color: #8000ff;
    margin-left: 20pt;
}
```

# VSCode



## รูปตัวเองถ่ายกับคอม

