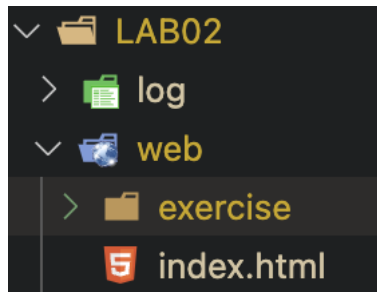


สร้าง **virtual host** สำหรับ **lab2**

```
Store66@iMac-66-GOD ENGSE203 % ls  
LAB01    www  
Store66@iMac-66-GOD ENGSE203 % mkdir LAB02
```

```
#LAB2  
<VirtualHost *:80>  
    ServerName engse203.lab2  
    DocumentRoot "/Users/Store66/ENGSE203/LAB02/web"  
    <Directory "/Users/Store66/ENGSE203/LAB02/web">  
        Options Indexes FollowSymLinks Includes execCGI  
        AllowOverride All  
        Allow from all  
        Order Deny,Allow  
        Require all granted  
    </Directory>  
</VirtualHost>
```



สร้าง folder สำหรับเก็บ web

Exercise 2

```

<html>
<head>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <title>ENGSE203 LAB3</title>
  <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css" rel="stylesheet"
  <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/bootstrap.bundle.min.js" integrity="
  <script src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.9.2/dist/umd/popper.min.js" integrity="sha3
  <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/bootstrap.min.js" integrity="sha384-
</head>
<body>
  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 doesnt uses pre tag so doesnt preserves nextline and spaces..
    everything will be printed in the same line
  </p>
  <p class="text-center">
    <font face="Poppins" size="6" color="Violet">
      WELCOME- Example of font tag
    </font>
  </p>

  <h1 class="text-center">This is h1 tag text with center aligned</h1>
  <h2 class="text-end">This is h2 tag text with left aligned</h2>
  <h3 class="text-start">This is h3 tag text with right aligned</h3>
  <h4>This is h4 tag text without alignment</h4>
  <h5>This is h5 tag Text wit hout alignment</h5>
  <h6>This is h6 tag text without alignment</h6>
  <h1 align="center">To illustrate text formatting tags</h1>
  <hr color="red" />
  <div class="container">
    <div class="d-flex flex-column bd-highlight m-auto text-center">
      <div class="row">
        <div class="col mt-2">
          <h2>Format</h2>
        </div>
        <div class="col mt-2">
          <h2>Sytex</h2>
        </div>
        <div class="col mt-2"><h2>Example</h2></div>
      </div>
      <div class="row">
        <div class="col mt-4 align-items-center">Marquee</div>
        <div class="col mt-4 align-items-center">
          <code>marquee</code>
        </div>
        <div class="col mt-4 align-items-center">
          <marquee behavior="scroll" direction="right">
            This is an alternate Marquee text
          </marquee>
        </div>
      </div>
    </div>
  </div>

```

```

</div>
<div class="row">
  <div class="col mt-4 align-items-center">italized</div>
  <div class="col mt-4 align-items-center">
    <code>i</code>
  </div>
  <div class="col mt-4 align-items-center">
    <i> italized </i>
  </div>
</div>
<div class="row">
  <div class="col mt-4 align-items-center">underlined</div>
  <div class="col mt-4 align-items-center">
    <code>u</code>
  </div>
  <div class="col mt-4 align-items-center">
    <u> underlined </u>
  </div>
</div>
<div class="row">
  <div class="col mt-4 align-items-center">bold</div>
  <div class="col mt-4 align-items-center">
    <code>b</code>
  </div>
  <div class="col mt-4 align-items-center">
    <b> bold </b>
  </div>
</div>
<div class="row">
  <div class="col mt-4 align-items-center">emphasized</div>
  <div class="col mt-4 align-items-center">
    <code>em</code>
  </div>
  <div class="col mt-4 align-items-center">
    <em> emphasized </em>
  </div>
</div>
<div class="row">
  <div class="col mt-4 align-items-center">Strong Text</div>
  <div class="col mt-4 align-items-center">
    <code>strong</code>
  </div>
  <div class="col mt-4 align-items-center">
    <strong> Strong Text </strong>
  </div>
</div>
<div class="row">
  <div class="col mt-4 align-items-center">computer code</div>
  <div class="col mt-4 align-items-center">
    <code>code</code>
  </div>
  <div class="col mt-4 align-items-center">
    <code> computer code </code>
  </div>
</div>
<div class="row">
  <div class="col mt-4 align-items-center">superscript</div>
  <div class="col mt-4 align-items-center">
    <code>sup</code>
  </div>
  <div class="col mt-4 align-items-center">
    <sup> superscript </sup>
  </div>
</div>

```

```
</div>
</div>
<div class="row">
  <div class="col mt-4 align-items-center">subscript</div>
  <div class="col mt-4 align-items-center">
    <code>sub</code>
  </div>
  <div class="col mt-4 align-items-center">
    <sub> subscript </sub>
  </div>
</div>
<div class="row">
  <div class="col mt-4 align-items-center">big text</div>
  <div class="col mt-4 align-items-center">
    <code>big</code>
  </div>
  <div class="col mt-4 align-items-center">
    <big> big text </big>
  </div>
</div>
<div class="row">
  <div class="col mt-4 align-items-center">small text</div>
  <div class="col mt-4 align-items-center">
    <code>small</code>
  </div>
  <div class="col mt-4 align-items-center">
    <small> small text </small>
  </div>
</div>
</div>
</div>
</body>
</html>
```

Facebook

ENGSE203_2-66 Progress

LAB - OneDrive

ENGSE203 LAB3

← → ↻ ⚠ Not Secure engse203.lab2/ ☆ ⌵ ⌵ ⌵ ⌵ ⌵

Illustration of body tag with its properties

This text uses pre tag and preserves nextline and spaces

This text doesnt uses pre tag so doesnt preserves nextline and spaces.. everything will be printed in the same line

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 with right aligned

This is h4 tag text without alignment

This is h5 tag Text wit hout alignment

This is h6 tag text without alignment

To illustrate text formatting tags

Format	Syntax	Example
Marquee	marquee	This is an alternate Marquee text
italized	i	italized
underlined	u	underlined
bold	b	bold
emphasized	em	emphasized
Strong Text	strong	Strong Text
computer code	code	computer code
superscript	sup	superscript
subscript	sub	subscript
big text	big	big text
small text	small	small text

Exercise 3

```

<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">
  <title>Study of List Tag</title>
</head>
<body>

<h3 class="text-danger">To illustrate ORDER, UNORDER, and NESTED list tags</h3>

<h5>Order List</h5>
<h4>Numbered Fruits list:</h4>
<ol>
  <li>Apples</li> <li>Bananas</li> <li>Lemons</li>
</ol>

<h4>Uppercase Letters Vegetable list:</h4>
<ol type="A">
  <li>Brinjals</li> <li>Carrots</li> <li>Cabbage</li>
</ol>

<h4>Roman Numbers Shopping list:</h4>
<ol type="I">
  <li>T Shirt</li> <li>Jeans</li> <li>Sandal</li>
</ol>

<h5>Unorder List</h5>
<h4>Square Bullets list:</h4>
<ul class="list-unstyled">
  <li>Brinjals</li> <li>Carrots</li> <li>Cabbage</li>
</ul>

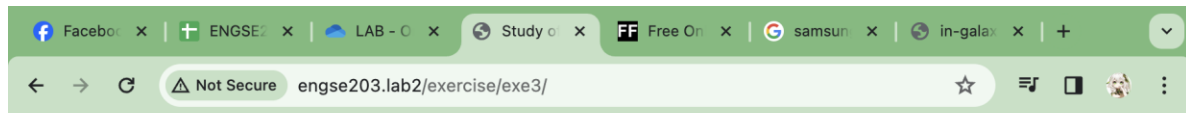
<h4>Disc Bullets list:</h4>
<ul class="list-unstyled">
  <li>T Shirt</li> <li>Jeans</li> <li>Sandal</li>
</ul>

<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>

</body>
</html>

```



To illustrate ORDER, UNORDER, and NESTED list tags

Order List

Numbered Fruits list:

1. Apples
2. Bananas
3. Lemons

Uppercase Letters Vegetable list:

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

Roman Numbers Shopping list:

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

Unorder List

Square Bullets list:

- Brinjals
- Carrots
- Cabbage

Disc Bullets list:

- T Shirt
- Jeans
- Sandal

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

```

<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">
    <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.cs
    <title>Link Tag</title>
  </head>
  <body>
    <h3 align="center" style="color: red">To illustrate Anchor & Link Tags</h3>
    <h4 align="center" style="color: Purple"> Students Information</h4>
    <hr>
    <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>
    <hr>
    <h4>List Item as a link/hyperlink :</h4>
    <ol>
      <li><a href="appleinfo.html">Apple</a></li>
      <li><a href="oragngeinfo.html">Orange</a></li>
      <li><a href="waterinfo.html">Water Melon</a></li>
    </ol>
    <hr>
    <p>
    <h4>Linking within a same page </h4>
    <a href="#C8">See also Chapter 8 - Binary tree </a> </p>
    <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>
    <h2>Chapter 6</h2>
    <p>This chap ter 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>
    <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>
  </body>
</html>

```




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 tree](#)

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

Exercise 5

```

<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">
  <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css" integrity="sha384-ggOyR8iXcBmQ3Xipma34MD+dH/1fQ784/j6cY/IJTQUO0hCwr7x9JvoRxT2M" crossorigin="anonymous">
  <title>Online Mobile Shopping</title>
</head>
<body>

<div class="container">
  <center>
    <h3>Study of image tag</h3>
    <h4>Online Mobile Shopping</h4>
  </center>

  <div class="text-center">
    <font color="#6633CC"><u>Latest Mobiles</u></font>
    <marquee>
      <a href="http://www.samsung.com/in/home/">
        
        
        
        
      </a>
    </marquee>
  </div>

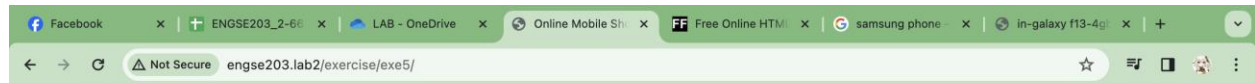
  <div class="row mt-4">
    <div class="col-md-6">
      
      <p class="mt-3">Now enjoy clearer and sharper images on your Galaxy J7 (2016), thanks to the larger and more vivid AMOLED display. With vibrant colors and deeper contrast, even
    </div>

    <div class="col-md-6">
      
      <p class="mt-3">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
    </div>
  </div>

  <div class="mt-5">
    <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>

    <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>
  </div>
</div>
</body>
</html>

```



Study of image tag

Online Mobile Shopping

[Latest Mobiles](#)



Now enjoy clearer and sharper images on your Galaxy J7 (2016), thanks to the larger and more vivid sAMOLED display. With vibrant colors and deeper contrast, everything that you watch on the Galaxy J7 (2016) is as lively as your ride.

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.

Exercise 6

Index.html

```
index.html × topframe.html rightframe.html leftframe.html
LAB02 > web > exercise > exe6 > index.html > html
1  <html>
2    <head>
3      <frameset rows="25%,*" >
4        <frame src="topframe.html" name="f1" scrolling="no" frameborder="1" bordercolor="#330033" >
5        <frameset cols="20%,*">
6          <frame src="leftframe.html" name="f2" scrolling="no" frameborder="no" >
7          <frame src="rightframe.html" name="f3" scrolling="no" frameborder="no" >
8        </frameset>
9      </frameset>
10     <noframes></noframes>
11   </head>
12 </html>|
```

Topframe.html

[illegible]

Rightframe.html

```

index.html topframe.html rightframe.html x leftframe.html
LAB02 > web > exercise > exe6 > rightframe.html > html
1  <html>
2    <body bgcolor="pink">
3      <p>
4        <h2 align="center"><font face="Georgia, Times New Roman, Times, serif" color="green">Online
5        Book Store Information</font>
6      </h2>
7      <h3>
8        <font face="monotypecorsiva" color="#660000">
9        This is the online book store developed by
10       students of JNEC.
11       <br />It contains book catalogue of various branches like
12       <ul>
13         <li>CSE</li>
14         <li>ECT</li>
15         <li>CIVIL</li>
16         <li>EEE</li>
17       </ul>
18     </font>
19   </h3>
20 </body>
21 </html>

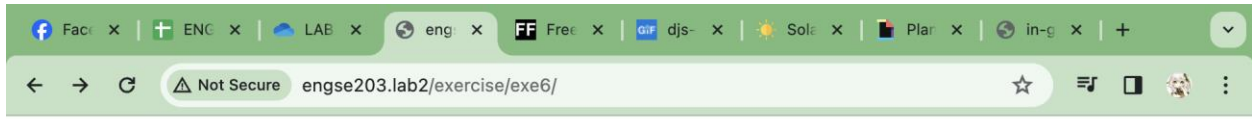
```

Leftframe.html

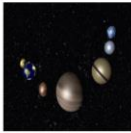
```

index.html topframe.html rightframe.html leftframe.html x
LAB02 > web > exercise > exe6 > leftframe.html > html
1  <html>
2    <body>
3      <a href="cse.html" target="f3">
4        <h3>CSE</h3>
5      </a>
6      <br><br><br>
7      <a href="ece.html" target="f3">
8        <h3>ECE</h3>
9      </a>
10     <br><br><br>
11     <a href="eee.html" target="f3">
12       <h3>EEE</h3>
13     </a>
14     <br><br><br>
15     <a href="civil.html" target="f3">
16       <h3>Civil</h3>
17     </a>
18   </body>
19 </html>

```



Browser tabs: Facebook, ENC, LAB, eng, FF, djs-, Sol, Plar, in-g. Address bar: Not Secure engse203.lab2/exercise/exe6/



Online Book Store

[Home](#)[login](#)[Registration](#)[Catalogue](#)[Cart](#)

[CSE](#)[ECE](#)[EEE](#)[Civil](#)

Online Book Store Information

This is the online book store developed by students of JNEC.
It contains book catalogue of various branches like

- CSE
- ECT
- CIVIL
- EEE

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta
      name="viewport"
      content="width=device-width, initial-scale=1, shrink-to-fit=no"
    />
    <link
      rel="stylesheet"
      href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css"
      integrity="sha384-ggOyR0iXCbMQV3Xipma34MD+dH/1fQ784/j6cY/iJTQUOhcWr7x9JvoRxT2MZw1T"
      crossorigin="anonymous"
    />
    <title>Departmental Time Table</title>
    <style>
      body {
        background-color: ■ #f8f9fa;
        color: □ #343a40;
      }
      h3 {
        color: ■ red;
      }
      table {
        margin-top: 20px;
      }
      th,
      td {
        text-align: center;
      }
    </style>
  </head>
```


```

<body>
  <div class="container">
    <h3 class="text-center">MGM's JNEC Aurangabad</h3>
    <h4 class="text-center">
      DEPARTMENT OF MASTER OF COMPUTER APPLICATION<br />
      W.E.F- 12-July-2016
    </h4>

    <table class="table caption-top table-bordered table-responsive-md">
      <caption>
        Class: SYMCA Hall.No:FF49
      </caption>
      <thead class="thead-light">
        <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>
        </tr>
        <tr>
          <th>Days</th>
        </tr>
      </thead>
      <tbody>
        <tr>
          <th>Monday</th>
          <td>MCA0302</td>
          <td>MCA0306</td>
          <td>MCA0304</td>
          <td>MCA0306</td>
          <td>MCA0302</td>
          <td colspan="2">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
            </center>
          </td>
          <td>MCA0306</td>
          <td>MCA0310</td>
          <td>MCA0304</td>
          <td>MCA0308</td>
          <td>COUN</td>
        </tr>
        <tr>
          <th>Thursday</th>
          <td>MCA0302</td>
          <td>MCA0304</td>
          <td colspan="2">
            <center>PD0302</center>
          </td>
          <td colspan="3" bgcolor="cyan">
            <center>MCA0320/MCA0322</center>
          </td>
        </tr>
        <tr>
          <th>Friday</th>
          <td>MCA0308</td>
          <td>MCA0306</td>
          <td>MCA0308</td>
          <td>MCA0302</td>
          <td colspan="3" bgcolor="red">
            <center>ELECTIVE - II</center>
          </td>
          <td>
            <a href="jnc.html"></a></td>
          </tr>
      </tbody>
    </table>
  </div>
</body>
</html>

```


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

Periods							
Days	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
Monday	MCA0302	MCA0306	MCA0304	MCA0306	MCA0302	MCA0324	
TuesDay	MCA0320/MCA0322				MCA0310	MCA0304	MCA308
Wednesday	ELECTIVE - I		MCA0306	MCA310	MCA304	MCA308	COUN
Thursday	MCA302	MCA0304	PD0302		MCA0320/MCA0322		
Friday	MCA0308	MCA0306	MCA0308	MCA0302	ELECTIVE - II		

Class: SYMCA Hall.No:FF49

Exercise 8

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">
  <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css"
integrity="sha384-ggOyR0iXCbMQv3Xipma34MD+dH/1fQ784/j6cY/iJTQUOhcWr7x9JvoRxT2MZw1T"
crossorigin="anonymous">
  <style>
    body {
      background-color: #f8f9fa;
      color: #343a40;
    }
    h2 {
      color: #007bff;
      text-decoration: underline;
    }
    table {
      margin: 20px auto;
      width: 70%;
    }
    th, td {
      padding: 15px;
      text-align: left;
    }
    label {
      font-weight: bold;
    }
    .btn-submit {
      background-color: #28a745;
      color: #fff;
    }
    .btn-reset {
      background-color: #dc3545;
      color: #fff;
    }
  </style>
  <title>Registration Form</title>
</head>
<body>
```

[illegible]

lab2.jakkrapart.com/exercise8/

Study of form tag

STUDENT REGISTRATION FORM

FirstName:	<input type="text" value="FirstName"/>
LastName:	<input type="text" value="LastName"/>
Valid Email:	<input type="text" value="Email"/>
Password:	<input type="password" value="Password"/>
PhoneNumber:	<input type="text" value="PhoneNumber"/>
Address :	<div></div>
Gender:	Male: <input type="radio"/> Female: <input type="radio"/>
Date of Birth:	<input type="text" value="Date"/>
Qualifications:	SSC <input type="checkbox"/> Percentage: <input type="text"/> HSC <input type="checkbox"/> Percentage: <input type="text"/> 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	<input type="text" value="0-1Year"/>
Upload Photo :	<input type="button" value="Choose File"/> No file chosen

Exercise 9

```
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<link rel="stylesheet" type="text/css" href="Abc.css" />
<style>
  body {
    margin: 0;
    padding: 0;
    font-family: 'Arial', sans-serif;
    background: #5d9ab2 url('img_tree.png') no-repeat top left;
    color: #333;
  }

  h3 {
    text-align: center;
    color: #800000;
    margin-top: 20px;
  }

  .container {
    max-width: 800px;
    margin: 20px auto;
    padding: 20px;
    background-color: #d0f0f6;
    border: 1px solid #ccc;
    border-radius: 10px;
  }

  h2 {
    color: #800000;
  }

  p {
    font-size: 14px;
    line-height: 1.5;
    margin-bottom: 15px;
  }

  hr {
    border: 1px solid #000080;
    margin: 20px 0;
  }

  #xyz {
    font-size: 18px;
    font-style: italic;
  }
</style>
</html>
```

```

    ul {
      list-style: circle;
      padding-left: 20px;
    }

    a:link,
    a:visited {
      color: green;
      text-decoration: none;
    }

    a:hover {
      color: black;
      text-decoration: underline;
    }

    a:active {
      color: blue;
    }
  }
</style>
<title>CSS Examples</title>
</head>

<body>
  <h3>Study of CSS</h3>
  <div class="container">
    <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>

  <div class="container">
    <p style="border-style: dotted solid dashed double">This is some text in a paragraph with dotted
    border style.</p>
    <p>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>
      <li>coffee</li>
      <li>tea</li>
      <li>coca cola</li>
    </ul>
    <p><a href="abc.html" target="_blank">This is a link</a></p>
  </div>
</body>
</html>

```

Abc.css

```
index.html  Abc.css  X
exercise9 > Abc.css > ...
1  /* CSS Document */
2
3  h2, h3 {
4      color: maroon;
5      font-size: 20pt;
6  }
7
8  hr {
9      color: navy;
10 }
11
12 p {
13     font-size: 11pt;
14     margin-left: 15px;
15 }
16
17 a:link {
18     color: green;
19 }
20
21 a:visited {
22     color: yellow;
23 }
24
25 a:hover {
26     color: black;
27 }
28
29 a:active {
30     color: blue;
31 }
32
```

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

Exercise 10

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Audio & Video Library</title>
</head>
<body>
  <div class="container">
    <h1>Audio & Video Library</h1>
    <div class="row">
      <div class="col">
        <h2>Audio Library</h2>
        <ol>
          <li>1. Audio File 1</li>
          <li>2. Audio File 2</li>
          <li>3. Audio File 3</li>
          <li>4. Audio File 4</li>
          <li>5. Audio File 5</li>
          <li>6. Audio File 6</li>
          <li>7. Audio File 7</li>
          <li>8. Audio File 8</li>
          <li>9. Audio File 9</li>
          <li>10. Audio File 10</li>
        </ol>
      </div>
      <div class="col">
        <h2>Video Library</h2>
        <ol>
          <li>1. Video File 1</li>
          <li>2. Video File 2</li>
          <li>3. Video File 3</li>
          <li>4. Video File 4</li>
          <li>5. Video File 5</li>
          <li>6. Video File 6</li>
          <li>7. Video File 7</li>
          <li>8. Video File 8</li>
          <li>9. Video File 9</li>
          <li>10. Video File 10</li>
        </ol>
      </div>
    </div>
  </div>
</body>
</html>
```



```

<body>
<h3>Study of Embedding Multimedia</h3>
<center>
<h4>Use of Linking</h4>
<a href="/exercise10/vid/emu.mp4">Audio Song</a>
<a href="/exercise10/vid/emu.mp4">Video Song</a>
<a href="a.pdf" target="1">Open PDF file</a>
<a href="file:///D:/AAD/AAD/intro.docx" target="1">Open DOCX file</a><br>
</center>

<h2 style="text-align: center; color: #800000; margin-top: 40px;">Audio & Video Library</h2>
<table border="2" cellspacing="30">
<tr>
<td>
<h4>Use of Video tag</h4>
<video width="420" height="200" controls>
<source src="/exercise10/vid/emu.mp4" type="video/mp4">
Your browser does not support the video tag.
</video>
</td>
<td>
<h4>Use of Video tag</h4>
<video width="320" height="240" controls>
<source src="/exercise10/vid/emu.mp4" type="video/mp4">
Your browser does not support the video tag.
</video>
</td>
<td>
<h4>Use of Iframe tag for YouTube video</h4>
<iframe width="420" height="345" src="https://www.youtube.com/embed/PjPpgi5o0-A" allowfullscreen></iframe>
</td>
</tr>
<tr>
<td>
<h4>Use of Iframe tag for YouTube video</h4>
<iframe width="425" height="350" src="https://www.youtube.com/embed/1UeGdgFi70c" allowfullscreen></iframe>
</td>
<td>
<h4>Use of Video tag</h4>
<video width="320" height="240" controls>
<source src="/exercise10/vid/emu.mp4" type="video/mp4">
Your browser does not support the video tag.
</video>
</td>
<td>
<h4>Use of Object tag for PDF File</h4>
<object data="/exercise10/pdf/66543210005-5.pdf" type="application/pdf" width="300" height="200"></object>
</td>
</tr>
</table>
</body>
</html>







```

Study of Embedding Multimedia

Use of Linking

[Audio Song](#)
[Video Song](#)
[Open PDF file](#)
[Open DOCX file](#)

Audio & Video Library

<p>Use of Video tag</p> 	<p>Use of Video tag</p> 	<p>Use of Iframe tag for YouTube video</p> 
<p>Use of Iframe tag for YouTube video</p> 	<p>Use of Video tag</p> 	<p>Use of Object tag for PDF File</p> 

Exercise 11

```

<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>Fibonacci Series</title>
  <style>
    body {
      font-family: 'Arial', sans-serif;
      background-color: #f4f4f4;
      margin: 0;
      padding: 0;
      text-align: center;
    }

    h3 {
      color: #333;
    }

    h1 {
      color: #800000;
    }

    button {
      background-color: #007bff;
      color: #fff;
      padding: 10px 20px;
      font-size: 16px;
      cursor: pointer;
      border: none;
      margin-top: 10px;
    }

    button:hover {
      background-color: #0056b3;
    }
  </style>

```

```

<script type="text/javascript">
  var n = prompt("Enter a number", "");
  var a = 0, b = 1, c;

  if (n <= 0) {
    alert("Invalid number");
  } else {
    if (n == 1) {
      document.write(a);
    } else {
      document.write(a + "<br />" + b);
    }

    for (var i = 2; i < n; i++) {
      c = a + b;
      a = b;
      b = c;
      document.write("<br />" + c);
    }
  }

  function showTodayDate() {
    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 JavaScript</h3>
  <h1>Calculating the Fibonacci series</h1>
  <button onclick="location.reload">Refresh</button>
  <button onclick="window.open('2.html')">Open New Window</button>
  <button onclick="history.go(-2)">Go Back Two Pages</button>
  <button onclick="showTodayDate()">Show Today Date</button>
</body>
</html>

```

lab2.jakkrapart.com says

Enter a number

OK

Cancel

0
1
1
2
3
5
8
13
21
34
55
89
144
233
377

Study of JavaScript

Calculating the Fibonacci series

Refresh

Open New Window

Go Back Two Pages

Show Today Date

← → ↻ ⚠ Not secure lab2.jakkrapart.com/exercise11/

Date Constructor

Date Constructor without parameter==Thu Dec 28 2023 15:58:23 GMT+0700 (Indochina Time)

Date Constructor without parameter==Thu, 28 Dec 2023 08:58:23 GMT

getHours() Method in date==15

Exercise 12

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>DOM Validation</title>
  <style>
    body {
      font-family: 'Arial', sans-serif;
      background-color: #f4f4f4;
      margin: 0;
      padding: 20px;
      text-align: center;
    }

    h3, h4 {
      color: #333;
    }

    form {
      width: 50%;
      margin: 0 auto;
    }

    p {
      margin-bottom: 15px;
    }

    input[type="text"],
    input[type="password"],
    input[type="email"],
    input[type="tel"],
    input[type="number"],
    input[type="search"],
    input[type="radio"] {
      width: 100%;
      padding: 8px;
      box-sizing: border-box;
      margin-bottom: 10px;
    }

    input[type="submit"],
    input[type="reset"] {
      background-color: #007bff;
      color: #fff;
      padding: 10px 20px;
      font-size: 16px;
      cursor: pointer;
      border: none;
    }
  </style>
</head>
<body>
  <h3>DOM Validation</h3>
  <div>
    <input type="text" value="Name" />
    <input type="password" value="Password" />
    <input type="email" value="Email" />
    <input type="tel" value="Phone" />
    <input type="number" value="Age" />
    <input type="search" value="Search" />
    <input type="radio" />
    <input type="submit" value="Submit" />
    <input type="reset" value="Reset" />
  </div>
</body>
</html>
```

```

input[type="submit"]:hover,
input[type="reset"]:hover {
    background-color: #0056b3;
}

#str {
    color: green;
    font-weight: bold;
}
</style>
<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 characters");
        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 (n.length < 2) {
    alert("Name should be greater than 2 characters");
    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 a valid 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>
<body>
  <h3>Study of DOM In JavaScript</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" placeholder="Enter First Name"/>
    </p>
    <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>
    <p><font color="#993300">Enter Email</font>
      <input name="email" type="text" placeholder="Enter email address"/>
    </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>
      <!--HTML 5 validation-->
      <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" onclick="return val()" />
      <input type="reset" name="r" value="Cancel"/>
    </p>
    <span id="str"></span>
  </form>
</body>
</html>

```

Study of DOM In JavaScript

Validation of Registration Form

Enter First Name :

ssss

Enter Last Name :

ssss

Enter Email

jakkrapart001@gmail.com

Enter Alternate Email

jakkrapart001@gmail.com

Enter Password

Enter Confirm Password

Enter Contact Number

+66918561232

Enter Age

20

Gender

☒ Male

☐ FeMale

Enter Credit Card Number

53753

Search On Google

Save

Cancel

Hi....ssss

Age : 20

Email-Id is : jakkrpart001@gmail.com

Exercise 13

library.xml

```

library.xml X library.dtd library_xml.css
exercise13 > library.xml
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      <Book Publication="2011" Avialable="Yes">
6          <Bid>101</Bid>
7          <BName>Let Us C</BName>
8          <Price>430</Price>
9          <Author>
10             <FName>Yashwant</FName>
11             <LName>Kanetkar</LName>
12             <FName>Abc</FName>
13         </Author>
14     </Book>
15     <Book Language="English" Publication="2011" Avialable="No">
16         <Bid>201</Bid>
17         <BName>Let Us Cpp</BName>
18         <Price>430</Price>
19         <Author>
20             <LName>Kanetkar</LName>
21             <FName>Yashwant</FName>
22         </Author>
23     </Book>
24 </Library>
25

```

Library.dtd

```

library.xml library.dtd X library_xml.css
exercise13 > library.dtd
1  <?xml version="1.0" encoding="UTF-8"?>
2  <!ELEMENT Library (#PCDATA|Book)*>
3  <!ELEMENT Book (Bid,BName,Price,Author)>
4  <!ELEMENT Author (FName|LName)*>
5  <!ELEMENT FName (#PCDATA)>
6  <!ELEMENT LName (#PCDATA)>
7  <!ELEMENT Bid (#PCDATA)>
8  <!ELEMENT BName (#PCDATA)>
9  <!ELEMENT Price (#PCDATA)>
10 <!ATTLIST Book
11     Language CDATA #FIXED "English"
12     Publication CDATA #REQUIRED
13     Avialable (Yes|No) "No">
14

```

library_xml.css


```

library.xml  library.dtd  library_xml.css x
exercise13 > library_xml.css > ...
1  /* CSS Document */
2
3  body {
4      font-family: 'Arial', sans-serif;
5      background-color: #f0f0f0;
6      margin: 0;
7      padding: 20px;
8  }
9
10 Library {
11     background-color: #FFFF99;
12     padding: 20px;
13     border-radius: 10px;
14     box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
15 }
16
17 Book {
18     display: block;
19     margin-bottom: 30px;
20     padding: 20px;
21     background-color: #ffffff;
22     border-radius: 8px;
23     box-shadow: 0 2px 5px rgba(0, 0, 0, 0.1);
24 }
25
26 Bid {
27     color: #e44d26;
28     font-size: 20px;
29     font-family: "Monotype Corsiva", cursive;
30 }
31
32 BName, Price, Author {
33     display: block;
34     color: #333333;
35     margin-left: 20px;
36 }
37
38 FName, LName {
39     margin-left: 20px;
40 }
41
42 Price {
43     color: #008000;
44 }
45
46 /* Highlight Available Books */
47 Book[Avalable='Yes'] {
48     background-color: #d4edda;
49 }
50

```

← → ↻ ⚠ Not secure lab2.jakkrapart.com/exercise13/library.xml

101
Let Us C
430
Yashwant Kanetkar Abc

201
Let Us Cpp
430
Kanetkar Yashwant