

Lab Exercise 2

```

1 </html>
2 <html>
3
4 <head>
5 <title> Lab Exercise 2 </title>
6 </head>
7 <body text="palevioletred" bgcolor="pink" >
8 <!-- This is a comment -->
9 <font face="arial" color="blue" ><h1 align="center">WELCOME- Example of font tag </h1></font>
10 <p align="center">This text doesnt uses pre tag so doesnt preserves newline and spaces.. everything will be printed
11 in the same line.</p>
12 <p align="center"> Illustration of body tag with its properties.</p>
13 <hr color="red">
14 <h1 align="center"> This is h1 tag text with center aligned </h1>
15 <h2 align="center"> This is h2 tag text with left aligned </h2>
16 <h3 align="center"> This is h3 tag text with right aligned </h3>
17 <h4 align="center"> This is h4 tag text without alignment </h4>
18 <h5 align="center"> This is h5 tag Text with hout alignment </h5>
19 <h6 align="center"> This is h6 tag text without alignment </h6>
20 </center>
21 <hr color="red">
22 <h1 align="center"> To illustrate text formatting tags </h1>
23 <div style="text-align: right;">
24 <p> This is <i> italicized </i> </p>
25 <p> This is <u> underlined </u> </p>
26 <p> This is <b> bold </b> </p>
27 <p> This is <em> emphasized </em> </p>
28 <p> This is <strong> Strong Text </strong> </p>
29 <p> This is <del> striked text </del> </p>
30 <p> This is <code> computer code </code> </p>
31 <p> This is <sup> superscript </sup> code </p>
32 <p> This is <sub> subscript </sub> code </p>
33 <p> This is <big> big text </big> </p>
34 <p> This is <small> small text </small> </p>
35 </div>
36 </body>
37 </html>

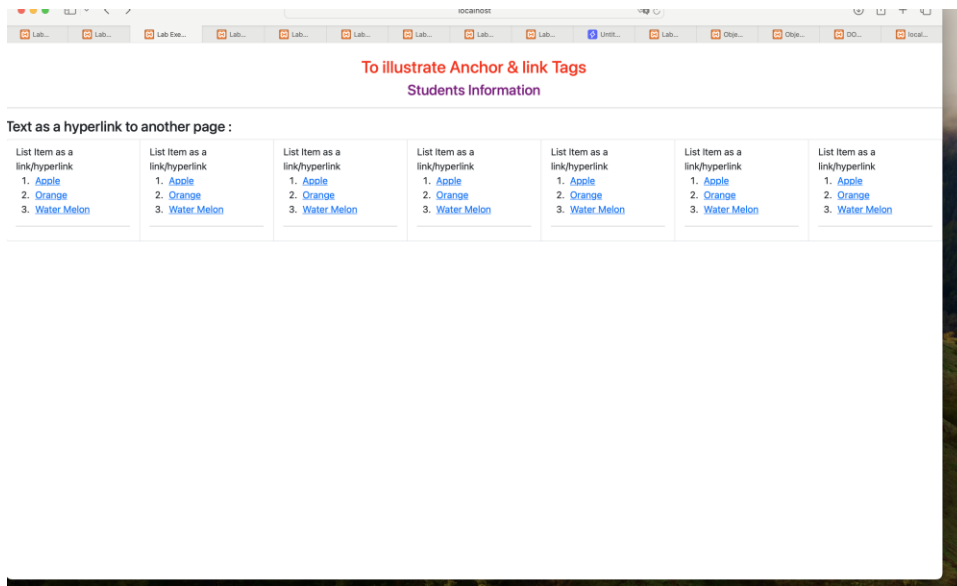
```

To illustrate ORDER ,UNORDER and NESTED list tags

Order List

Numbered Fruits list: 1. Apple 2. Orange 3. Apple	Numbered Fruits list: A. Apple B. Orange C. Apple	Numbered Fruits list: I. Apple II. Orange III. Apple	Numbered Fruits list: 1. Apple 2. Orange 3. Apple	Numbered Fruits list: Uppercase Letters Vegetable list: A. Brinjals B. Carrots C. Cabbage Roman numbers Shopping list: I. T Shirt II. Jeans III. Sandie 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. Sandie Unorder List Square bullets list: • Brinjals • Carrots • Cabbage Disc bullets list: • T Shirt • Jeans • Sandie
--	--	---	--	--

Lab Exercise 3



Lab Exercise 4

```

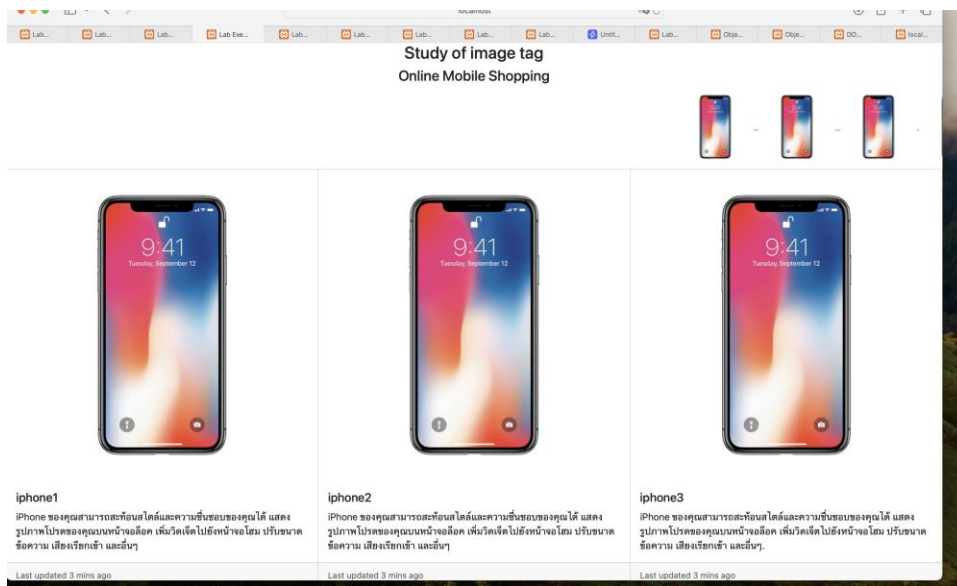
45 lab2.3.php
46
47 <li class="list-group-item">List Item as a link/hyperlink
48 <ul> <li><a href="fx.php">Apple</li>
49 <li><a href="fx.php">Orange</li>
50 <li><a href="fx.php">Water Melon</li>
51 </ul> <hr>
52 </li>
53
54 <li class="list-group-item">List Item as a link/hyperlink
55 <ul> <li><a href="fx.php">Apple</li>
56 <li><a href="fx.php">Orange</li>
57 <li><a href="fx.php">Water Melon</li>
58 </ul> <hr>
59 </li>
60
61 <li class="list-group-item">List Item as a link/hyperlink
62 <ul> <li><a href="fx.php">Apple</li>
63 <li><a href="fx.php">Orange</li>
64 <li><a href="fx.php">Water Melon</li>
65 </ul> <hr>
66 </li>
67
68 <li class="list-group-item">List Item as a link/hyperlink
69 <ul> <li><a href="fx.php">Apple</li>
70 <li><a href="fx.php">Orange</li>
71 <li><a href="fx.php">Water Melon</li>
72 </ul> <hr>
73 </li>
74
75 <body>
76 <header>
77 <!-- place header here -->
78 </header>
79 <main>
80 <!-- place footer here -->
81 </main>
82 <script>
83 <!-- Bootstrap JavaScript Libraries -->
84 <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/js/bootstrap.min.js"
85 integrity="sha384-1PRtH11Vpr69v4G5g+60KMLv0/G3LxYdRGVqY4E+6cHv6w6V63dHw2x64Qz4X"
86 crossorigin="anonymous">
87 </script>
88
89 <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/js/bootstrap.min.js"
90 integrity="sha384-B8t4c20G17H3Zf32009Qh6v1Gd1YFQQf4D8kFQv5SEWv6kx6wV63dHw2x64Qz4X"
91 crossorigin="anonymous">
92 </script>
93 </body>
94 </html>
95
96

```

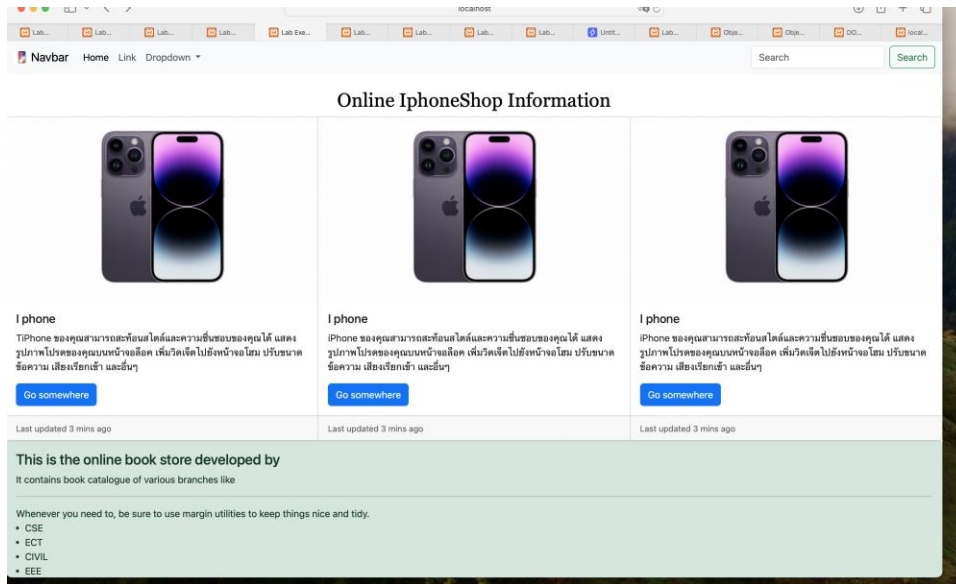
```

1 <!doctype html>
2 <html lang="en">
3 <head>
4 <title> Lab Exercise 4 </title>
5 <!-- Required meta tags -->
6 <meta charset="utf-8" />
7 <meta
8 name="viewport"
9 content="width=device-width, initial-scale=1, shrink-to-fit=no"
10 />
11
12 <!-- Bootstrap CSS v5.2.1 -->
13 <link
14 href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/css/bootstrap.min.css"
15 rel="stylesheet"
16 integrity="sha384-T3c6CoI16cCoRappCaUk2C434kjbp80A76xSczJk7h18723jKN7x8KeVjDDqNNL3"
17 crossorigin="anonymous">
18 </link>
19
20 <body>
21 <div align="center" style="color:red">To illustrate Anchor & Link Tags</div>
22 <div align="center" style="color:purple">Students Information</div>
23 <div align="center" style="color:blue">
24 <div align="center" style="color:blue">
25 <div align="center" style="color:blue">
26 <div align="center" style="color:blue">
27 <div align="center" style="color:blue">
28 <div align="center" style="color:blue">
29 <div align="center" style="color:blue">
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97 <div align="center" style="color:blue">
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99 <div align="center" style="color:blue">
100 <div align="center" style="color:blue">

```



Lab Exercise 5



Lab Exercise 2

[illegible]

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

Lab Exercise 7

```

1 <html>
2 <title>Lab Exercise 7</title>
3 <body>
4 <h3 align="left" style="color:red">To illustrate Table tags</h3>
5 <center>
6 MGM's JNEC Aurangabad<br>
7 DEPARTMENT OF MASTER OF COMPUTER APPLICATION<br>
8 W.E.F- 12-July-2016
9 </center>
10 <table border="1" width="75%" cellpadding="15" cellspacing="1" align="center"
11 bordercolor="#6600CC">
12 <caption align="left">Class: SYMCA Hall No:FF49</caption>
13 <tr>
14 <th>Periods</th>
15 <th>8.30-9.20</th>
16 <th>9.20-10.10</th>
17 <th>10.20-11.10</th>
18 <th>11.10-12.00</th>
19 <th>1.30-2.20</th>
20 <th>2.20-3.10</th>
21 </tr>
22 <tr>
23 <th>Monday</th>
24 <td>MCA0302</td>
25 <td>MCA0306</td>
26 <td>MCA0304</td>
27 <td>MCA0306</td>
28 <td>MCA0302</td>
29 <td>MCA0324</td>
30 </tr>
31 <tr>
32 <th>Tuesday</th>
33 <td colspan="4">MCA0320/MCA0322</td>
34 <td>MCA0310</td>
35 <td>MCA0304</td>
36 </tr>
37 <tr>
38 <th>Wednesday</th>
39 <td colspan="2">ELECTIVE - I</td>
40 <td>MCA0306</td>
41 <td>MCA310</td>
42 <td>MCA304</td>
43 <td>MCA308</td>
44 </tr>
45 <tr>
46 <th>Thursday</th>
47 <td>MCA302</td>
48 <td>MCA0304</td>
49 <td colspan="2">PD0302</td>
50 <td colspan="2">MCA0320/MCA0322</td>
51 </tr>
52 <tr>
53 <th>Friday</th>
54 <td>MCA0308</td>
55 <td>MCA0306</td>
56 <td>MCA0308</td>
57 <td>MCA0302</td>
58 <td colspan="2">ELECTIVE - II</td>
59 </tr>
60 </table>
61 </body>
62 </html>

```

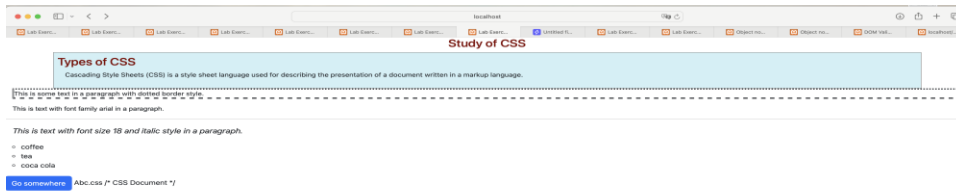
Study of form tag

STUDENT REGISTRATION FORM

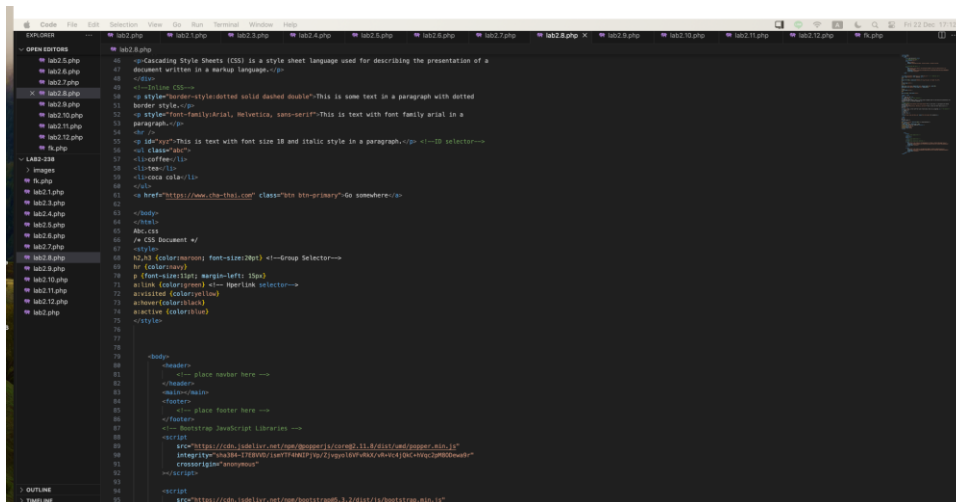
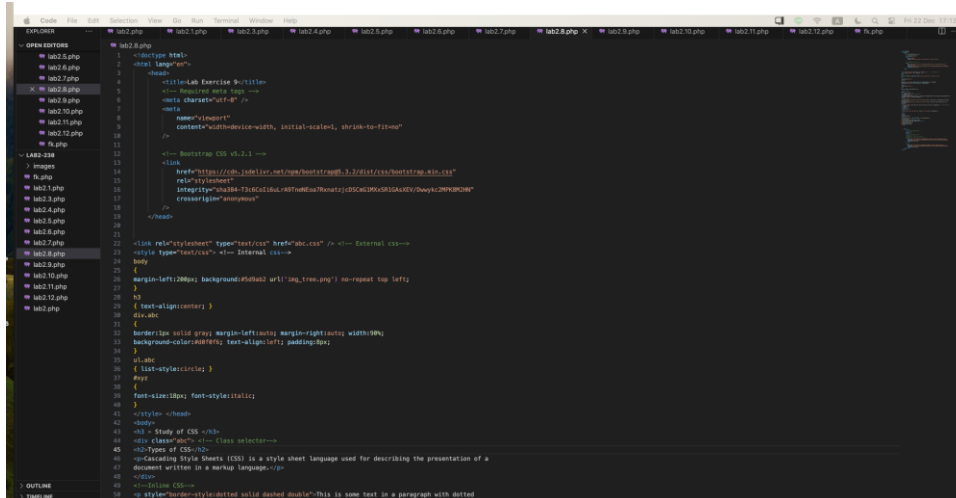
FirstName:	<input type="text"/>															
LastName:	<input type="text"/>															
Valid Email:	<input type="text"/>															
Password:	<input type="password"/>															
PhoneNumber:	<input type="text"/>															
Address :	<div style="border: 1px solid black; height: 40px;"></div>															
Gender:	Male: <input type="radio"/> Female: <input type="radio"/>															
Date of Birth:	<input type="text"/>															
Qualifications:	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">SSC</td> <td style="width: 30%;">Percentage:</td> <td style="width: 40%;"><input type="text"/></td> </tr> <tr> <td>IBSC</td> <td>Percentage:</td> <td><input type="text"/></td> </tr> <tr> <td>BCA</td> <td>Percentage:</td> <td><input type="text"/></td> </tr> <tr> <td>MCA</td> <td>Percentage:</td> <td><input type="text"/></td> </tr> <tr> <td>MBA</td> <td>Percentage:</td> <td><input type="text"/></td> </tr> </table>	SSC	Percentage:	<input type="text"/>	IBSC	Percentage:	<input type="text"/>	BCA	Percentage:	<input type="text"/>	MCA	Percentage:	<input type="text"/>	MBA	Percentage:	<input type="text"/>
SSC	Percentage:	<input type="text"/>														
IBSC	Percentage:	<input type="text"/>														
BCA	Percentage:	<input type="text"/>														
MCA	Percentage:	<input type="text"/>														
MBA	Percentage:	<input type="text"/>														
Experience	0-Year <input type="text"/>															
Upload Photo :	<input type="button" value="Choose File"/> <input type="button" value="No file selected"/>															
<input type="button" value="Submit"/> <input type="button" value="Reset"/>																

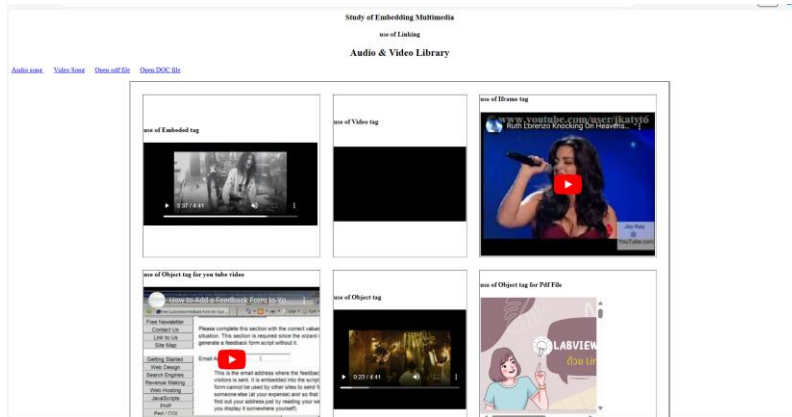
```

<html>
<head>
<title>Lab Exercise 8</title>
<title>RegistrationForm</title>
</head>
<body bgcolor="#FFCC99">
<h3 align="center">Study of Form tag</h3>
<h2 align="center">STUDENT REGISTRATION FORM</h2>
<form action="abc.html" name="f" method="post" autocomplete="on">
<table border="1" style="width:50%; border-collapse: collapse;">
<tr>
<td colspan="2">First Name</td>
<td><input type="text" name="id1" id="id1" size="38" maxlength="20"/></td>
</tr>
<tr>
<td colspan="2">Last Name</td>
<td><input type="text" name="id2" id="id2" size="38" maxlength="20"/></td>
</tr>
<tr>
<td colspan="2">Valid Email</td>
<td><input type="text" name="id3" id="id3" size="78" maxlength="50"/></td>
</tr>
<tr>
<td colspan="2">Password</td>
<td><input type="password" name="id4" id="id4" size="50" maxlength="10"/></td>
</tr>
<tr>
<td colspan="2">Phone Number</td>
<td><input type="text" name="id5" id="id5" size="38" maxlength="11"/></td>
</tr>
<tr>
<td colspan="2">Address</td>
<td><table border="1" style="width:100%; border-collapse: collapse;">
<tr>
<td colspan="2"><div style="height: 20px; border: 1px solid black;">
```



Lab Exercise 9





Lab Exercise 10

[illegible]



Lab Exercise 11

0
1
1
2
3
5
8
13

Date Constructor

Date1 Constructor without parameter == Fri Dec 22 2023 20:08:47 GMT+0700 (Indochina Time)
Date1 Constructor without parameter == Fri, 22 Dec 2023 13:08:47 GMT
getHours() Method in date1 == 20

```
lab2.11.php
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>Fibonacci Series</title>
7    <script type="text/javascript">
8      function calculateFibonacci() {
9        var n = prompt("Enter a number", "");
10       if (n <= 0) {
11         alert("Invalid number");
12       } else {
13         var a = 0, b = 1, i, c;
14         if (n == 1) {
15           document.write(a);
16         } else {
17           document.write(a + "<br />" + b);
18           for (i = 2; i < n; i++) {
19             c = a + b;
20             a = b;
21             b = c;
22             document.write("<br />" + c);
23           }
24         }
25       }
26     }
27
28     function showDate() {
29       document.write("<h2 style='color:red;'>Date Constructor</h2>");
30       var date1 = new Date();
31       document.write("<br><br><b style='color:red;'>Date1 Constructor without parameter == </b>" + date1);
32       document.write("<br><br><b style='color:red;'>Date1 Constructor without parameter == </b>" + date1.toGMTString());
33       document.write("<br><br><b style='color:purple;'>getHours() Method in date1 == </b>" + date1.getHours());
34     }
35   }
36 </script>
37 </head>
38 <body>
39   <h3>Study of JavaScript</h3>
40   <h1>Calculating the Fibonacci series</h1>
41   <input type="button" value="Calculate Fibonacci" onclick="calculateFibonacci()" />
42   <input type="button" value="Show Today's Date" onclick="showDate()" />
43 </body>
44 </html>
```

Lab Exercise 12

Study of DOM In JavaScript

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

Hi...ทน

Age : 19

Email-Id is : tros2545@hotmail.com

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

<head>
  <title>Lab Exercise 12</title>
  <!-- Required meta tags -->
  <meta charset="utf-8" />
  <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no" />

  <!-- Bootstrap CSS v5.2.1 -->
  <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-T3C6CoIi6UlrA" />
</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><br><input name="name" type="text" /></p>
    <p><font color="#993300">Enter Last Name :</font><br><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><br><input name="email" type="text" /></p>
    <p><font color="#993300">Enter Alternate Email</font><br><input type="email" placeholder="Enter email address" required /></p>
    <p><font color="#993300">Enter Password</font><br><input type="password" name="pass" /></p>
    <p><font color="#993300">Enter Confirm Password</font><br><input type="password" name="c_pass" /></p>
    <p><font color="#993300">Enter contact Number</font><br><!-- HTML 5 validation --><br><input type="tel" required /></p>
  </form>
</body>
```



```

</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 class="btn btn-primary" name="submit" type="submit" value="save" onclick="return val()" />
  <input class="btn btn-primary" type="reset" name="r" value="cancel" />
</p>
<span id="str"> </span>
</form>

```

```

<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 false;
    }
  }

```

```

  }
  if ((a >= 18 && a <= 55)) {
    alert("You are not eligible, age range should be 18-55");
    return false;
  }
  if (n.length < 2) {
    alert("Name Should be greater than 2 char");
    return false;
  }
  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 false;
  }
  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 false;
  }
  if (pos > lastdotpos) {
    alert("Enter domain name ");
    return false;
  }
  else if (str.length < 5) {
    alert("email should have @ and . ");
    document.getElementById("str").innerHTML = "e.g. ravi_singhal30@yahoo.com";
    return false;
  }
  else {
    document.getElementById("str").innerHTML = "Hi...." + n + " <br>Age : " + a + " <br>Email-Id is : " + e;
    return false;
  }
}
</script>

```

```

<!-- Bootstrap JavaScript Libraries -->

```

```

<script src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.11.8/dist/umd/popper.min.js" integrity="sha384-I7E8VVD/ismYTF4hNIPjVp/Zjvg

```

Lab Exercise 13

101

Let Us C
430
พัลกร บทดรี Abc

201

Let Us Cpp
430
พัลกร บทดรี

```
lab2-13.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="../../lab2/library_xml.css"?>
4  <!DOCTYPE Library SYSTEM "../lab2/library.dtd">
5  <Library>
6  | This is a library XML document with CSS and Validate using external DTD
7  | <Book Publication="2011" Avialable="Yes">
8  |   <Bid>101</Bid>
9  |   <BName>Let Us C</BName>
10 |   <Price>430</Price>
11 |   <Author>
12 |     <FName>พัลกร</FName>
13 |     <LName>บทดรี</LName>
14 |     <FName>Abc</FName>
15 |   </Author>
16 | </Book>
17 | <Book Language="English" Publication="2011" Avialable="No">
18 |   <Bid>201</Bid>
19 |   <BName>Let Us Cpp</BName>
20 |   <Price>430</Price>
21 |   <Author>
22 |     <LName>พัลกร</LName>
23 |     <FName>บทดรี</FName>
24 |   </Author>
25 | </Book> </Library>
26
```

```

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">

```

```

# library_xml.css > ...
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; }
12

```

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ภาพขณะทำงานLAB2

