

DEPARTMENT OF COMPUTER APPLICATION
TKM COLLEGE OF ENGINEERING
KOLLAM - 691005



20MCA133 - WEB PROGRAMMING LAB
PRACTICAL RECORD BOOK
First Semester MCA
2021-2022

Submitted by:

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ROLL NO : TKM21MCA-2026

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Certificate

This is a Bonafede record of the work done by KANNAN R R in the First Semester in Web Programming Lab Course(TKM21MCA-2026) towards the partial fulfillment of the degree of Master of Computer Applications during the academic year 2021-2022.

Staff Member in-charge

Examiner

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HTML (HYPERTEXT MARKUP LANGUAGE)

HTML is the language for publishing web pages on the WWW .It is a Document Description Language. HTML is NOT a programming language like C/C++/C#/Java, which is used to implement programming algorithm An HTML element is defined by a start tag, some content, and an end tag:Content goes here.. The HTML element is everything from the start tag to the end tag:

```
<h1>My First Heading</h1>
```

```
<p>My first paragraph.</p>
```

HTML tables allow web developers to arrange data into rows and columns. The `<table>` tag defines an HTML table.e. Each table row is defined with a `<tr>` tag. Each table header is defined with a `<th>` tag. Each table data/cell is defined with a `<td>` tag. By default, the text in elements `<th>` are bold and centered. By default, the text in elements `<td>` are regular and left aligned.

HTML **lists** allow web developers to group a set of related items in lists. HTML lists allow web developers to group a set of related items in lists. An ordered list starts with the tag. Each list item starts with the tag. The list items will be marked with numbers by default.HTML also supports description lists. A description list is a list of terms, with a description of each term.The tag defines the description list, the tag defines the term (name), and the tag describes each term.

An HTML **form** is used to collect user input. The user input is most often sent to a server for processing. The HTML element is used to create an HTML form for user input.The element is a container for different types of input elements, such as: text fields, checkboxes, radio buttons, submit buttons, etc. The HTML element is the most used form element. An element can be displayed in many ways, depending on the type attribute. The tag defines a label for many form elements. The defines a radio button. The defines a checkbox. Checkboxes let a user select ZERO or MORE options of a limited number of choices. The defines a button for submitting the form data to a form-handler. The form-handler is typically a file on the server with a script for processing input data. The formhandler is specified in the form's action attribute

CSS (CASCADING STYLE SHEET)

Cascading Style Sheets (CSS) is a style sheet language used for describing the presentation of a document written in a markup language such as HTML. CSS is a cornerstone technology of the World Wide Web, alongside HTML and JavaScript.

CSS is designed to enable the separation of presentation and content, including layout, colours, and fonts. This separation can improve content accessibility, provide more flexibility and control in the specification of presentation characteristics, enable multiple web pages to share formatting by specifying the relevant CSS in a separate .css file which reduces complexity and repetition in the structural content as well as enabling the .css file to be cached to improve the page load speed between the pages that share the file and its formatting.

There are 3 ways to implement CSS in a HTML Page, they are :

1.INLINE CSS

2.INTERNAL CSS

3.EXTERNAL CSS

PROGRAM NO : 1

AIM :

Model a simple HTML file to demonstrate the use of different tags

DESIGN :

Step 1 : Create html page containing basic tags

Step 2 : include style if needed

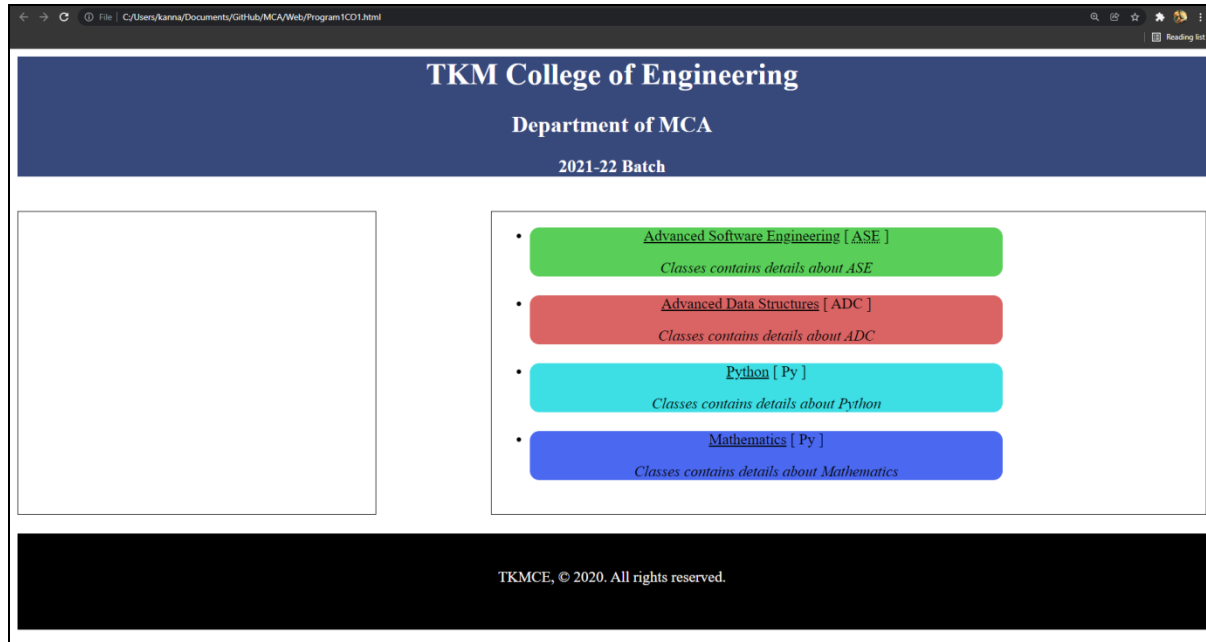
PROGRAM CODE :

Program1CO1	<pre><html> <head> <title>My college</title> <meta name="viewport" content="width=device-width,initial- scale=1.0"> </head> <body> <header style="background-color: #37487a;color:white;"> <center> <div> <h1>TKM College of Engineering</h1> <h2>Department of MCA</h2> <h3>2021-22 Batch</h3> </div> </center> </header>
 <div> <div style="border:1px solid black;width: 30%;height:320px;float: left;"></div> <div style="border:1px solid black;width: 60%;float: right;height:320px;"> <div style="background-color: rgb(89, 207, 89);width:70%;border-radius: 10px;;margin-bottom:20px"></pre>
-------------	---

```

<center>
<li><u>Advanced Software Engineering</u> [ <abbr
title="ASE">ASE</abbr> ]</li>
<p><i>Classes contains details about ASE</i></p>
</center>
</div>
<div style="background-color: rgb(218, 100,
100);width:70%;border-radius: 10px;margin-bottom:20px">
<center>
<li><u>Advanced Data Structures</u> [ <abbr>ADC</abbr>
]</li>
<p><i>Classes contains details about ADC</i></p>
</center>
</div>
<div style="background-color: rgb(61, 222,
228);width:70%;border-radius: 10px;margin-bottom:20px">
<center>
<li><u>Python</u> [ <abbr>Py</abbr> ]</li>
<p><i>Classes contains details about Python</i></p>
</center>
</div>
<div style="background-color: rgb(75, 105,
240);width:70%;border-radius: 10px;margin-bottom:20px">
<center>
<li><u>Mathematics</u> [ <abbr>Py</abbr> ]</li>
<p><i>Classes contains details about Mathematics</i></p>
</center>
</div>
</ul>
</div>
</div>
<div style="width: 100%;float: left;margin-top:20px">
<footer style="border:1px solid black;background-color:
black;color: white;height:100px;">
<center>
<p style="padding: 20px;">TKMCE, © 2020. All rights
reserved.</p>
</center>
</footer>
</div>
</body>
</html>

```



RESULT :

PROGRAM HAS SUCCESSFULLY EXECUTED AND OUTPUT OBTAINED

PROGRAM NO : 2

AIM :

Create a HTML file to link to different HTML page which contains images, tables, and also link within a page

DESIGN :

Step 1 : Create main html page which shows general information

Step 2 : include links for contact details and Accademic details

Step 3 : Create pages for contact details and accademic details

PROGRAM CODE :

Program2CO1.html	<pre><html> <style> .col{ border: 1px solid rgb(142, 174, 235); background-color: rgb(142, 174, 235); border-right: 1px solid darkgreen;} .inner{ text-align: center;} .col3{ background-color: rgb(172, 161, 99);} .col4{ background-color: rgb(224, 211, 135);} </style> <head> <title>My college</title> <meta name="viewport" content="width=device-width,initial- scale=1.0"> </head> <body> <table width="70%" align="center" style="background-color: rgb(142, 174, 235)"> <tr> <td class="col">General Information</td> <td class="col">Accademic Information</td> <td class="col">Contact</pre>
------------------	--

	<pre> Details</td> </tr> </table> <table width="70%" align="center" cellpadding="10px"> <tr> <td class="col3">Picture : </td> <td colspan="2" class="col4"><center></center></td> </tr><tr> <td class="col3">Graduation : </td> <td colspan="2" class="col4"> Bsc Computer Science</td> </tr><tr> <td class="col3">Post Graduation : </td> <td colspan="2" class="col4">MCA</td> </tr><tr> <td class="col3">Hobbies : </td> <td colspan="2" class="col4">Animie</td> </tr><tr> <td class="col3">Aspiration : </td> <td colspan="2" class="col4">Peace</td> </tr></table> </body> </html> </pre>
--	--

Contact.html	<pre> <html> <style> .col{ border: 1px solid rgb(142, 174, 235); background-color: rgb(142, 174, 235); border-right: 1px solid darkgreen;} .col2{ border: 1px solid rgb(142, 174, 235);} </style> <head> <title>My college</title> <meta name="viewport" content="width=device-width,initial- scale=1.0"> <tr> </pre>
--------------	---

	<pre> </head> <body> <table width="70%" align="center" style="border: 1px solid black;"> <td class="col">General Information</td> <td class="col">Accademic Information</td> <td class="col">Contact Details</td> </tr> </table> <center> <div style="width:70%;"> <h2 style="float:left;">Contact details</h2></div></center>

 <table width="70%" align="center" cellpadding="10px"><tr> <td class="col2">Mobile No :</td> <td class="col2" colspan="2">9495758577</td> </tr><tr> <td class="col2">Address :</td> <td class="col2" colspan="2">Chirayinkeezhu ,Trivandrum</td> </tr> </table> </body> </html> </pre>
AccDetails.html	<pre> <html> <style> .col{ border: 1px solid rgb(142, 174, 235); background-color: rgb(142, 174, 235); border-right: 1px solid darkgreen;} .col1{ background-color: rgb(61, 126, 72);} .col2{ border: 1px solid rgb(142, 174, 235);} </pre>


```

</style>
<head>
<title>My college</title>
<meta name="viewport" content="width=device-width,initial-
scale=1.0">
</head>
<body>
<table width="70%" align="center" style="border: 1px solid black;">
<tr>
<td class="col"><a href="Program2CO1.html">General
Information</a></td>
<td class="col"><a href="AccDetails.html">Accademic
Information</a></td>
<td class="col"><a href="Contact.html">Contact Details</a></td>
</tr>
</table>
<center>
<div style="width:70%;">
<h2 style="float:left;">Accademic details</h2>
</div>
</center>
<br><br><br><br>
<hr>
<table width="70%" align="center" cellpadding="10px">
<tr>
<td class="col1">Stream</td>
<td class="col1" colspan="2">College</td>
</tr>
<tr>
<td class="col2">MCA</td>
<td class="col2" colspan="2">TKM College Of Engineering</td>
</tr>
</table>
</body>
</html>

```

OUTPUT :

Program2C01.html

General Information	Accademic Information	Contact Details
Picture :		
Graduation :	Bsc Computer Science	
Post Graduation :	MCA	
Hobbies :	Animie	
Aspiration :	Peace	

AccDetails.html

General Information	Accademic Information	Contact Details
Accademic details		
Stream	College	
MCA	TKM College Of Engineering	

Contact.html

← → 📄 File | C:/Users/kanna/Documents/GitHub/MCA/Web/Resume/Contact.html

🔍 ☆ 🧑 Reading list

[General Information](#) [Academic Information](#) [Contact Details](#)

Contact details

Mobile No :	9495758577
Address :	Chirayinkeezhu ,Tiruvandrum

RESULT :

PROGRAM HAS SUCCESSFULLY EXECUTED AND OUTPUT OBTAINED

PROGRAM NO : 3

AIM :

Create a HTML page with different types of frames such as floating frame, navigation frame & mixed frame.

DESIGN :

Step 1 : Create main html page which has links to other pages containing other types of frames

Step 2 : Create one page implementing Floating frames

Step 3 : Create one page implementing Mixed frames

Step 3 : Create one page implementing Navigation frames

PROGRAM CODE :

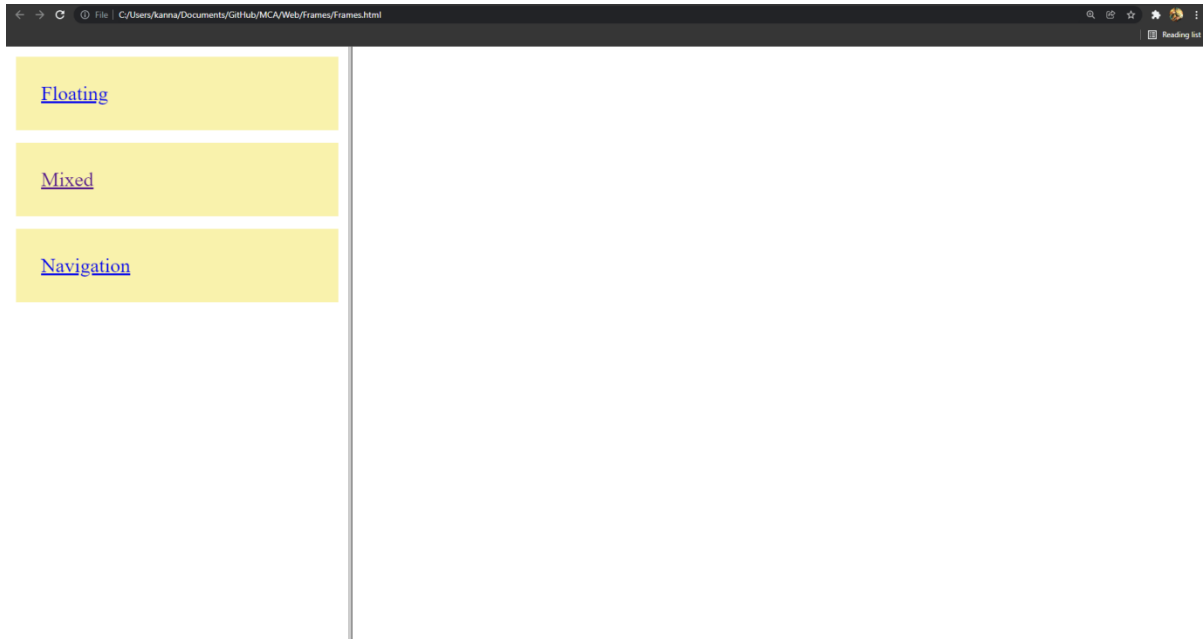
Frames.html	<pre><html> <head> <title>My college</title> <meta name="viewport" content="width=device-width,initial- scale=1.0"> </head> <frameset cols="20%,50%"> <frame name="a" src="Navi.html" ></frame> <frame name="b" ></frame> </frameset> </html></pre>
Navi.html	<pre><html> <style> .nav{ background-color: #f9f2ac;} </style> <head> <title>My college</title> <meta name="viewport" content="width=device-width,initial- scale=1.0"> </head> <body> <div class="nav">Floating</div> <div class="nav">Mixed</div> </body> </html></pre>

Floating.html	<pre> <html> <head> <title>My college</title> <meta name="viewport" content="width=device-width,initial- scale=1.0"> </head> <body style="background-color: rgb(197, 129, 177);"> <center><iframe width="60%" src="contact.html"> </iframe></center> </body> </html> </pre>
Contact.html	<pre> <html> <head> <title>My college</title> <meta name="viewport" content="width=device-width,initial- scale=1.0"> </head> <body style="background-color: rgb(94, 104, 194);"> <center><h1>Test</h1></center> </body> </html> </pre>
Navigate.html	<pre> <html> <style> .nav{ background-color: #f9f2ac; margin-bottom: 10px ; padding: 20px;} </style> <head> <title>My college</title> <meta name="viewport" content="width=device-width,initial- scale=1.0"> </head> <body> <div class="nav">TKM</div> <div class="nav">CET</div> </body> </html> </pre>

NavigationFrame.html	<pre><html> <style> .nav {background-color: #f9f2ac; margin-bottom: 10px ; padding: 20px;} </style> <head> <title>My college</title> <meta name="viewport" content="width=device-width,initial- scale=1.0"> </head> <frameset cols="20%,80%"> <frame src="Navigate.html"></frame> <frame name="navi"></frame> </frameset> </html></pre>
----------------------	---

OUTPUT :

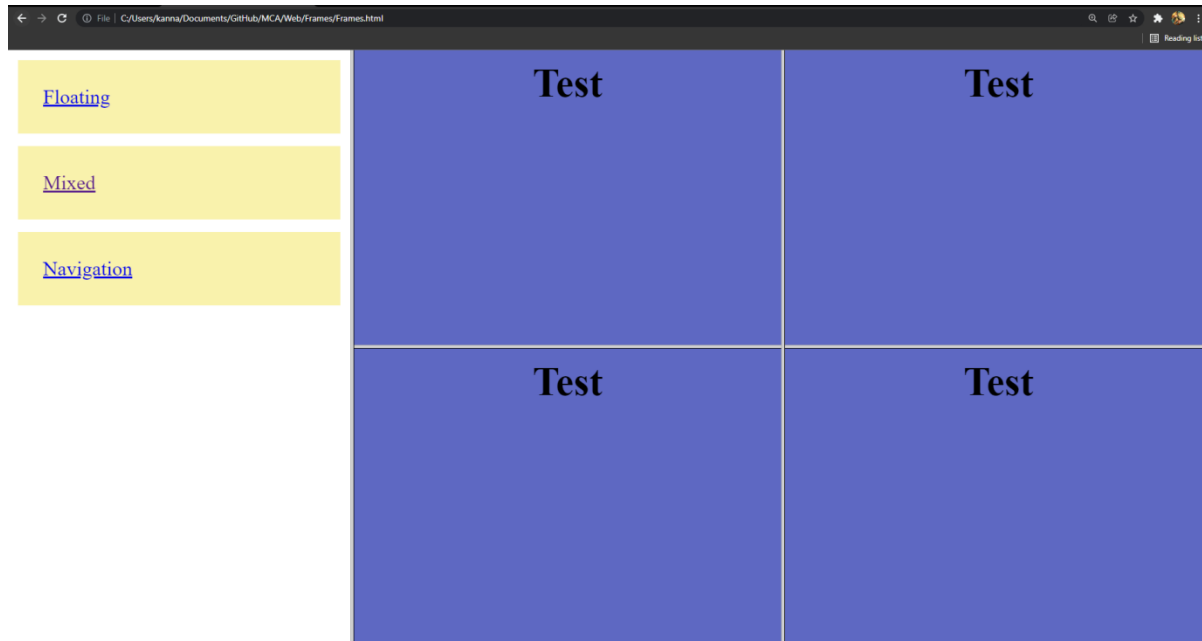
Frames.html



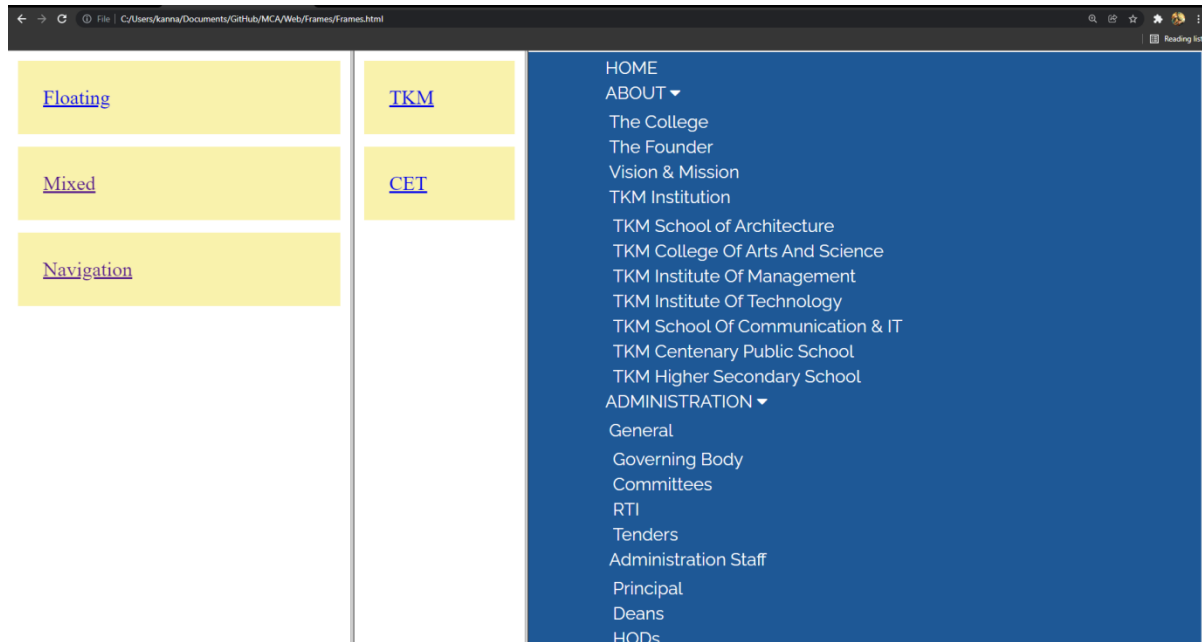
Floating.html



Mixed.html



NavigationFrame.html



RESULT :

PROGRAM HAS SUCCESSFULLY EXECUTED AND OUTPUT OBTAINED

PROGRAM NO : 4

AIM :

Analyze CSS by applying the different styles using inline, external & internal style sheets in a HTML file.

DESIGN :

Step 1 : Create main html page which has some common tags

Step 2 : Add some internal Styles

Step 3 : Add some inline styles

Step 3 : Create one external style sheet file and add link to the html file

PROGRAM CODE :

RegForm.html	<pre><html> <head> <title>My college</title> <meta name="viewport" content="width=device-width,initial- scale=1.0"> <link rel="stylesheet" href="Reg.css"> <style> .input{ border-radius: 5px; border:0px solid #df9c70; padding:10px; float: left; width: 100%;} .button{ padding: 10px; width: 75%; border-radius: 20px; border:1px solid rgb(94, 155, 94); background-color: rgb(94, 155, 94); color: white;} p{ font-family:Sans-serif; font-weight: bold;} .button,.input:hover{ border:1px solid green;} </style></pre>
--------------	---

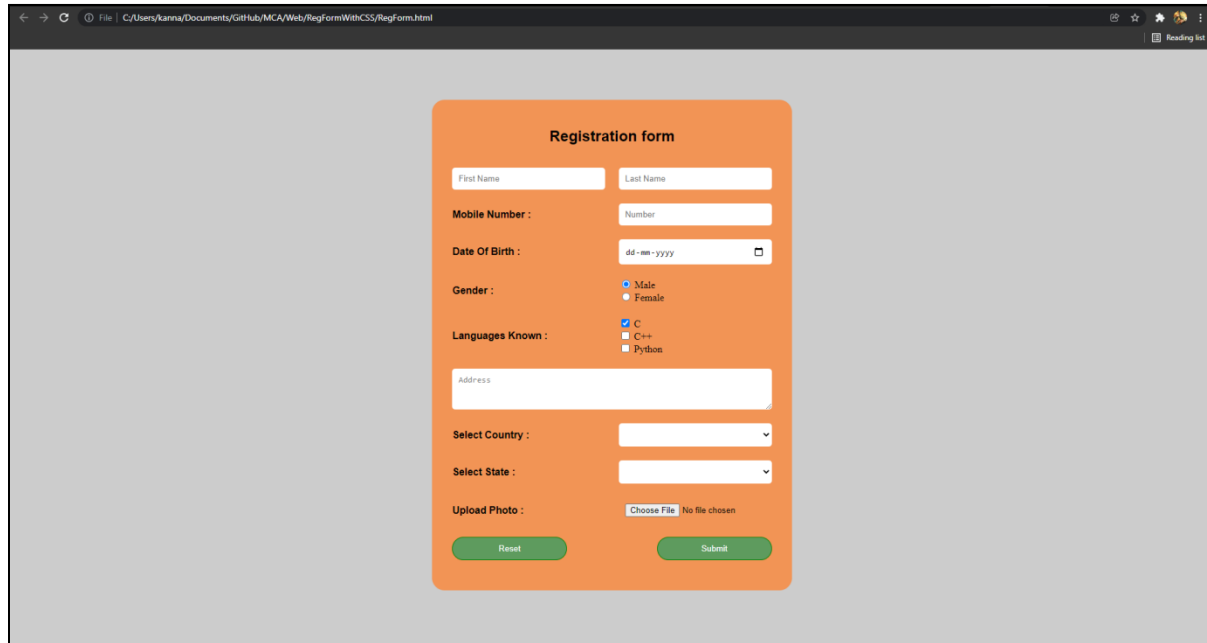
```

</head>
<body><br><br><br><br>
<center>
<div class="outer">
<h2><p>Registration form</p></h2>
<form>
<table>
<tr>
<td><input type="text" placeholder="First Name"
class="input"/></td>
<td><input type="text" placeholder="Last Name"
class="input"/></td></tr><tr>
<td><p>Mobile Number :</p></td>
<td><input type="number" placeholder="Number"
class="input"/></td></tr><tr>
<td><p>Date Of Birth :</p></td>
<td><input type="date" class="input"></td></tr><tr>
<td><p>Gender :</p></td>
<td><input type="radio" value="Male" id="male" checked="true">
<label for="male">Male</label><br>
<input type="radio" value="Female" id="male">
<label for="male">Female</label><br></td></tr>
<tr><td><p>Languages Known :</p></td>
<td><input type="checkbox" value="c" id="c" checked="true">
<label for="c">C</label><br>
<input type="checkbox" value="c++" id="c++">
<label for="c++">C++</label><br>
<input type="checkbox" value="p" id="p">
<label for="p">Python</label><br></td></tr>
<tr><td colspan="2"><textarea cols="50" rows="3"
placeholder="Address" class="input"></textarea></td>
</tr>
<tr>
<td><p>Select Country :</p></td>
<td><select class="input">
<option value="" ></option>
<option value="India" >India</option>
</select></td> </tr>

```

	<pre> <tr> <td><p>Select State : <p></td> <td><select class="input"> <option value="" ></option> <option value="Kerala" >Kerala</option> </select></td> </tr> <tr> <td><p>Upload Photo : </p></td> <td><input type="file" placeholder="Number" class="input"/></td> </tr> <tr> <td><input type="reset" value="Reset" class="button"/></td> <td><input type="submit" value="Submit" class="button" style="float:right;"/></td> </tr> </table> </div> </form> </center> </body> </html> </pre>
Reg.css	<pre> td { padding:10px; margin:10px; width:50%; } .outer{ width:28%; padding:20px; border-radius:20px; background-color:#f29455; } body { background-color:#CCCCCC; } </pre>

OUTPUT :



The screenshot shows a web browser window with the address bar displaying the file path: C:/Users/kanna/Documents/GitHub/MCA/Web/RegformWithCSS/Regform.html. The browser's address bar also shows icons for back, forward, and search, along with a 'Reading list' button. The main content area displays a registration form with an orange background. The form is titled 'Registration form' and contains the following fields and controls:

- First Name** and **Last Name** text input fields.
- Mobile Number :** text input field with a placeholder 'Number'.
- Date Of Birth :** text input field with a placeholder 'dd-mm-yyyy' and a calendar icon.
- Gender :** radio buttons for **Male** (selected) and **Female**.
- Languages Known :** checkboxes for **C** (checked), **C++**, and **Python**.
- Address** text input field.
- Select Country :** dropdown menu.
- Select State :** dropdown menu.
- Upload Photo :** text input field with a placeholder 'Choose File' and a button 'No file chosen'.
- Reset** and **Submit** buttons at the bottom.

RESULT :

PROGRAM HAS SUCCESSFULLY EXECUTED AND OUTPUT OBTAINED

PROGRAM NO : 5

AIM :

Demonstrate a registration form using HTML.

DESIGN :

Step 1 : Create main html page which has various types of form elements

Step 2 : Add some test boxes, text area etc

Step 3 : Add some checkboxes, radio buttons and apply some styles if needed

Step 3 : Create a submit button and reset button

PROGRAM CODE :

RegForm.html	<pre><html> <head> <title>My college</title> <meta name="viewport" content="width=device-width,initial- scale=1.0"> <link rel="stylesheet" href="Reg.css"> <style> .input{ border-radius: 5px; border:0px solid #df9c70; padding:10px; float: left; width: 100%;} .button{ padding: 10px; width: 75%; border-radius: 20px; border:1px solid rgb(94, 155, 94); background-color: rgb(94, 155, 94); color: white;} p{ font-family:Sans-serif; font-weight: bold;} .button,.input:hover{ border:1px solid green;} </style></pre>
--------------	---


```

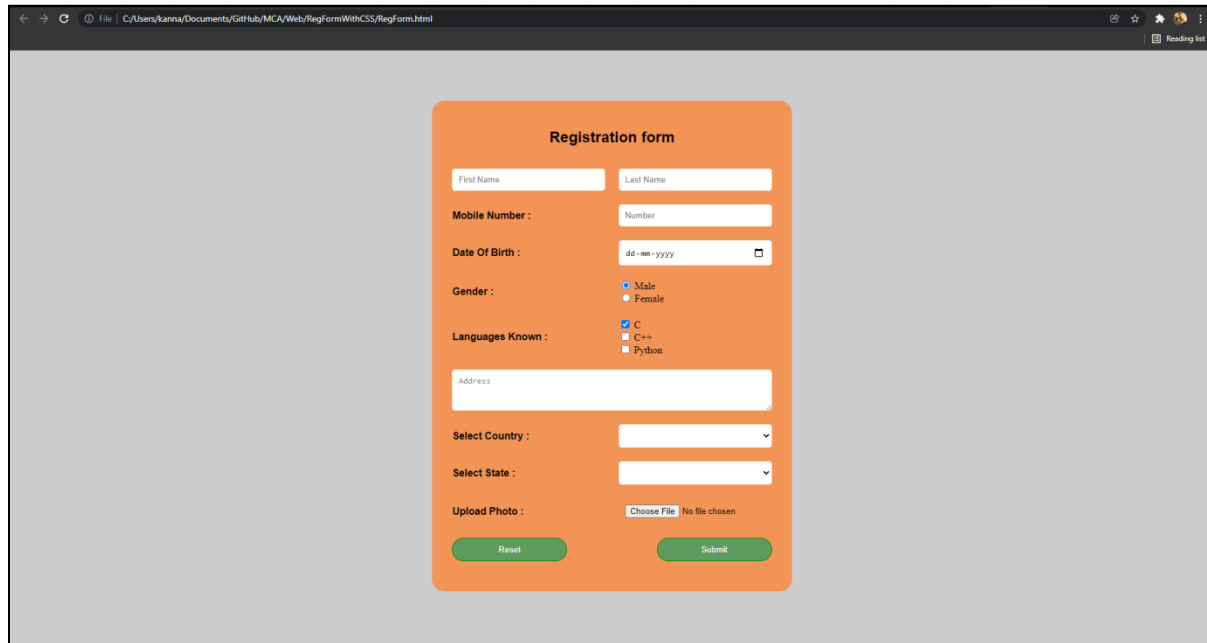
</head>
<body><br><br><br><br>
<center>
<div class="outer">
<h2><p>Registration form</p></h2>
<form>
<table><tr>
<td><input type="text" placeholder="First Name"
class="input"/></td>
<td><input type="text" placeholder="Last Name"
class="input"/></td></tr><tr>
<td><p>Mobile Number :</p></td>
<td><input type="number" placeholder="Number"
class="input"/></td></tr><tr>
<td><p>Date Of Birth :</p></td>
<td><input type="date" class="input"></td></tr>
<tr><td><p>Gender :</p></td>
<td><input type="radio" value="Male" id="male" checked="true">
<label for="male">Male</label><br>
<input type="radio" value="Female" id="male">
<label for="male">Female</label><br></td></tr>
<tr><td><p>Languages Known :</p></td>
<td><input type="checkbox" value="c" id="c" checked="true">
<label for="c">C</label><br>
<input type="checkbox" value="c++" id="c++">
<label for="c++">C++</label><br>
<input type="checkbox" value="p" id="p">
<label for="p">Python</label><br></td></tr>
</tr>
<tr>
<td colspan="2"><textarea cols="50" rows="3"
placeholder="Address" class="input"></textarea></td>
</tr>
<tr>
<td><p>Select Country : </p></td>
<td><select class="input">
<option value="" ></option>
<option value="India" >India</option>
</select></td> </tr>

```

	<pre> <tr> <td><p>Select State : <p></td> <td><select class="input"> <option value="" ></option> <option value="Kerala" >Kerala</option> </select></td> </tr> <tr> <td><p>Upload Photo : </p></td> <td><input type="file" placeholder="Number" class="input"/></td> </tr> <tr> <td><input type="reset" value="Reset" class="button"/></td> <td><input type="submit" value="Submit" class="button" style="float:right;"/></td> </tr> </table> </div> </form> </center> </body> </html> </pre>
--	--

Reg.css	<pre> td { padding:10px; margin:10px; width:50%; } .outer{ width:28%; padding:20px; border-radius:20px; background-color:#f29455; } body { background-color:#CCCCCC; } </pre>
---------	---

OUTPUT :



The screenshot shows a web browser window with the address bar displaying the file path: C:/Users/kanna/Documents/GitHub/MCA/Web/Regform/WithCSS/Regform.html. The browser's address bar also shows a 'Reading list' icon. The main content area displays a registration form with an orange background and rounded corners. The form is titled 'Registration form' and contains the following fields and controls:

- First Name** and **Last Name**: Text input fields.
- Mobile Number :** Text input field with a label 'Number'.
- Date Of Birth :** Date picker with a label 'dd-mm-yyyy'.
- Gender :** Radio buttons for **Male** and **Female**.
- Languages Known :** Checkboxes for **C** (checked), **C++**, and **Python**.
- Address**: Text input field.
- Select Country :** Dropdown menu.
- Select State :** Dropdown menu.
- Upload Photo :** File upload control with a 'Choose File' button and 'No file chosen' text.
- Reset** and **Submit**: Green buttons at the bottom.

RESULT :

PROGRAM HAS SUCCESSFULLY EXECUTED AND OUTPUT OBTAINED

PROGRAM NO : 6

AIM :

Create a HTML page to explain the use of various predefined functions in a string and math object in java script.

DESIGN :

Step 1: Create a simple page with input fields

Step 2: Add in functions to calculate math and string function using JavaScript

Step 3: RESULT : PROGRAM HAS SUCCESSFULLY EXECUTED AND OUTPUT OBTAINEDs should b returned in a button click

PROGRAM CODE :

MathString.html	<pre><html> <body> <table> <tr> <tr> <td>Select String or Math</td> <td> <select onchange="radio()" id="opts"> <option value="">select any</option> <option value="s">String</option> <option value="m">Math</option> </select> </td> </tr><tr> <td rowspan="2"> Select sub function </td> <td> <select onchange="viewn2()" id="opt2"> <option value="">Select string fn</option> <option value="Slice">Slice</option> <option value="Substring">Substring</option> <option value="substr">substr</option> <option value="replace">replace</option> <option value="Upper">Upper</option> <option value="Lower">Lower</option> <option value="Concat">Concat</option> <option value="trim">trim</option> </select> </td> </tr> </tr> </table> </body> </html></pre>
-----------------	--

```

</tr>
<tr>
<td>
<select onchange="viewn2()" id="opt" style="visibility:
hidden;">
<option value="">select Math fn</option>
<option value="power">Power</option>
<option value="abs">Absolute Value</option>
<option value="floor">Floor</option>
<option value="ceil">Ceil</option>
<option value="max">Max</option>
<option value="min">Min</option>
<option value="log">log</option>
<option value="random">Random</option>
</select>
</td>
</tr>
<tr>
<td rowspan="2"> Enter input </td>
<td>
<input type="text" id="n1" placeholder="Enter first input">
</td>
</tr>
<tr>
<td>
<input type="text" id="n2" disabled="disabled"
placeholder="Enter second input">
</td>
</tr>
</tr>
<tr>
<td>
<button onclick="cal()">Run</button>
</td>
</tr>
<tr>
<td>
<input type="text" id="ans" placeholder="Ans">
</td>
</tr>
</table>
<script>

```

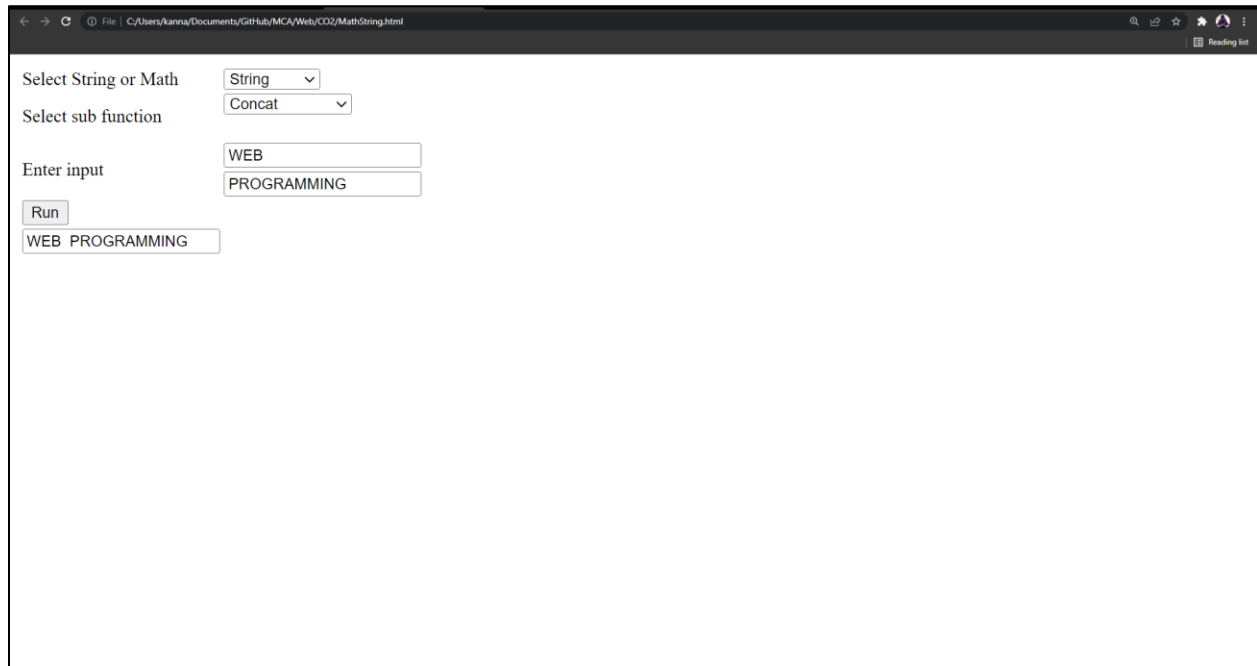
```
function viewn2() {
var ops = document.getElementById("opt").value;
var ops2 = document.getElementById("opt2").value;
if (ops == "power" || ops == "max" || ops == "min" || ops2 ==
"replace" || ops2 == "Concat") {
document.getElementById("n1").setAttribute("style", "visibility:
visible;");
document.getElementById("n2").removeAttribute("disabled");
document.getElementById("n1").removeAttribute("disabled");
} else {
document.getElementById("n2").setAttribute("disabled",
"disabled");
}
}
if (ops == "random") {
document.getElementById("n1").setAttribute("disabled",
"disabled");
document.getElementById("n2").setAttribute("disabled",
"disabled");
}
}

function radio() {
var ops = document.getElementById("opts").value;
switch (ops) {
case "m":
document.getElementById("opt2").setAttribute("style",
"visibility: hidden;");
document.getElementById("opt").setAttribute("style", "visibility:
visible;");
document.getElementById("opt2").value = "";
break;
case "s":
document.getElementById("opt2").setAttribute("style",
"visibility: visible;");
document.getElementById("opt").setAttribute("style", "visibility:
hidden;");
document.getElementById("opt").value = "";
break;
}
}
```

```
function cal() {  
    var n1 = document.getElementById("n1").value;  
    var n2 = document.getElementById("n2").value;  
    switch (document.getElementById("opt").value) {  
        case "power":  
            document.getElementById("ans").value = Math.pow(n1, n2);  
            break;  
        case "floor":  
            document.getElementById("ans").value = Math.floor(n1);  
            break;  
        case "ceil":  
            document.getElementById("ans").value = Math.ceil(n1);  
            break;  
        case "abs":  
            document.getElementById("ans").value = Math.abs(n1);  
            break;  
        case "max":  
            document.getElementById("ans").value = Math.max(n1, n2);  
            break;  
        case "min":  
            document.getElementById("ans").value = Math.min(n1, n2);  
            break;  
        case "log":  
            document.getElementById("ans").value = Math.log(n1);  
            break;  
        case "random":  
            document.getElementById("ans").value = Math.random();  
            break;    }  
    switch (document.getElementById("opt2").value) {  
        case "Substring":  
            document.getElementById("ans").value = n1.substring(1, 3);  
            break;  
        case "substr":  
            document.getElementById("ans").value = n1.substr(1, 3);  
            break;  
        case "replace":  
            document.getElementById("ans").value = n1.replace(" ", n2);  
            break;  
        case "Upper":  
            document.getElementById("ans").value = n1.toUpperCase();  
            break;
```

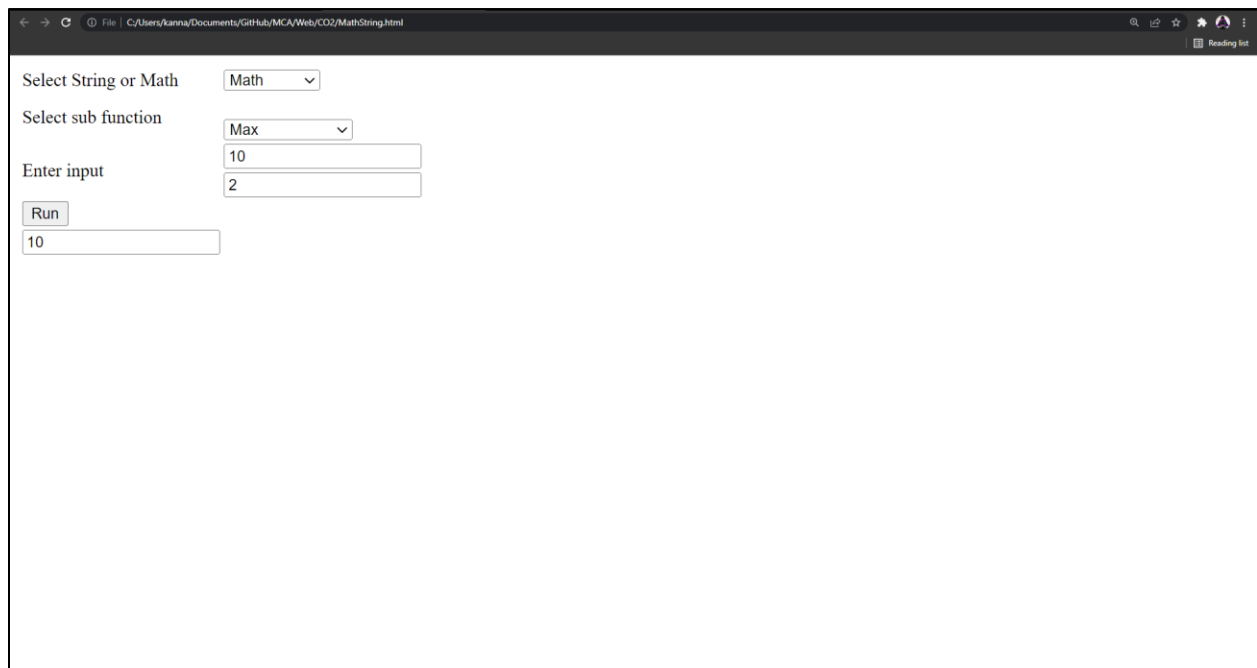
```
case "Lower":
    document.getElementById("ans").value = n1.toLowerCase();
    break;
case "Concat":
    document.getElementById("ans").value = n1.concat(" " + n2);
    break;
case "trim":
    document.getElementById("ans").value = n1.trim();
    break;
case "Slice":
    document.getElementById("ans").value = n1.slice(3);
    break;
}
}
</script>
</body>
</html>
```


OUTPUT



A screenshot of a web browser displaying a web application. The browser's address bar shows the file path: C:\Users\kanna\Documents\GitHub\MCA\Web\CO2\MathString.html. The application has a dark-themed header with navigation icons and a 'Reading list' link. The main content area is white and contains the following elements:

- 'Select String or Math': A dropdown menu with 'String' selected.
- 'Select sub function': A dropdown menu with 'Concat' selected.
- 'Enter input': Two text input fields. The first contains 'WEB' and the second contains 'PROGRAMMING'.
- 'Run': A button.
- Output: A text box displaying 'WEB PROGRAMMING'.



A screenshot of the same web application, but with different settings. The browser address bar remains the same. The application interface is as follows:

- 'Select String or Math': A dropdown menu with 'Math' selected.
- 'Select sub function': A dropdown menu with 'Max' selected.
- 'Enter input': Two text input fields. The first contains '10' and the second contains '2'.
- 'Run': A button.
- Output: A text box displaying '10'.

RESULT :

PROGRAM HAS SUCCESSFULLY EXECUTED AND OUTPUT OBTAINED

PROGRAM NO : 7

AIM

Generate the calendar using JavaScript code by getting the year from the user.

DESIGN

Step 1: Create a simple page with input field for entering year

Step 2: On a button click bring up calendar for that year

PROGRAM CODE

```
<html>
<head>
</head>
<style>
td,
th {
border: 1px solid black;
padding: 5px;
}
#a {
border: 1px solid black;
padding: 5px;
width: 25%;
margin: 3px;
height: 290px;
display: inline-block;
}
#x {
height: 240px;
}
</style>
<body>
<center>
<input type="number" id="year" required>
<button onclick="cal()">Dislpay Calender</button>
<h1 id="y"></h1>
</center>
<br>
<script>
```

```

function daysInMonth(month, year) {
    return new Date(year, month, 0).getDate();
}

function getDay(date) {
    let day = date.getDay();
    if (day == 0 || day == 7) day = 0;
    return day;
}

function cal() {
    var y =
parseInt(document.getElementById("year").value);
    if (document.getElementById("year").value != "") {
        document.getElementById("y").innerHTML = y;
        var months = ["January", "February", "March", "April",
"May", "June", "July", "August", "September", "October",
"November", "December"];
        var x = 0;
        var d = "<center><div>";
        var all = "";
        var table =
"<tr><th>SUN</th><th>MON</th><th>TUE</th><th>WED</th>
<th>THU</th><th>FRI</th><th>SAT</th></tr>";
        var rows = "";
        for (var s = 1; s <= 12; s++) {
            var f = new Date(y, s - 1);
            var col = "";
            for (let z = 0; z < getDay(f); z++) {
                col += "<td> </td>";
            }
            x = 0;
            var cn = 0;
            rows = "";
            all = "";
            d += "<div id='a'>"
            for (var i = 0; i < 7; i++) {
                rows += "<tr>";
                if (x == 0) {
                    rows += col;
                }
                for (var j = 0; j < 7; j++) {
                    cn++;
                    if (cn == 1) {

```

```
j = getDay(f);
    }
    x++;
    if (x > daysInMonth(s - 1, 2021)) {
        break;
    }
    rows += "<td>" + x + "</td>";
}
rows += "</tr>";
}
all += "<div id='x'><table>" + table + rows +
"</table></div>";
    d += all + "<div style='float:right' id='b'><h2>" +
months[s - 1] + "</h2></div></div>";
    }
    d += "</div></center>";
    document.body.innerHTML += d;
}
}
</script>
</body>
</html>
```

OUTPUT

← → 🔄 File | C:/Users/kanna/Documents/GitHub/MCA/Web/CO2/Calendar.html 🔍 ⚙️ ☆ 🌟 👤 Reading list

Display Calendar

2021

SUN	MON	TUE	WED	THU	FRI	SAT
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

January

SUN	MON	TUE	WED	THU	FRI	SAT
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

February

SUN	MON	TUE	WED	THU	FRI	SAT
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28						

March

SUN	MON	TUE	WED	THU	FRI	SAT
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

April

SUN	MON	TUE	WED	THU	FRI	SAT
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

May

SUN	MON	TUE	WED	THU	FRI	SAT
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

June

SUN	MON	TUE	WED	THU	FRI	SAT
4	5	6	7	8	9	10

SUN	MON	TUE	WED	THU	FRI	SAT
				1	2	3
4	5	6	7	8	9	10

SUN	MON	TUE	WED	THU	FRI	SAT
1	2	3	4	5	6	7
8	9	10	11	12	13	14

SUN	MON	TUE	WED	THU	FRI	SAT
			1	2	3	4
5	6	7	8	9	10	11

RESULT :

PROGRAM HAS SUCCESSFULLY EXECUTED AND OUTPUT OBTAINED

PROGRAM NO : 8

AIM

Create a HTML registration form and to validate the form using JavaScript code.

DESIGN

Step 1: Create a simple page with input field for basic details

Step 2: On a button click the input fields should be validated using JavaScript

PROGRAM CODE

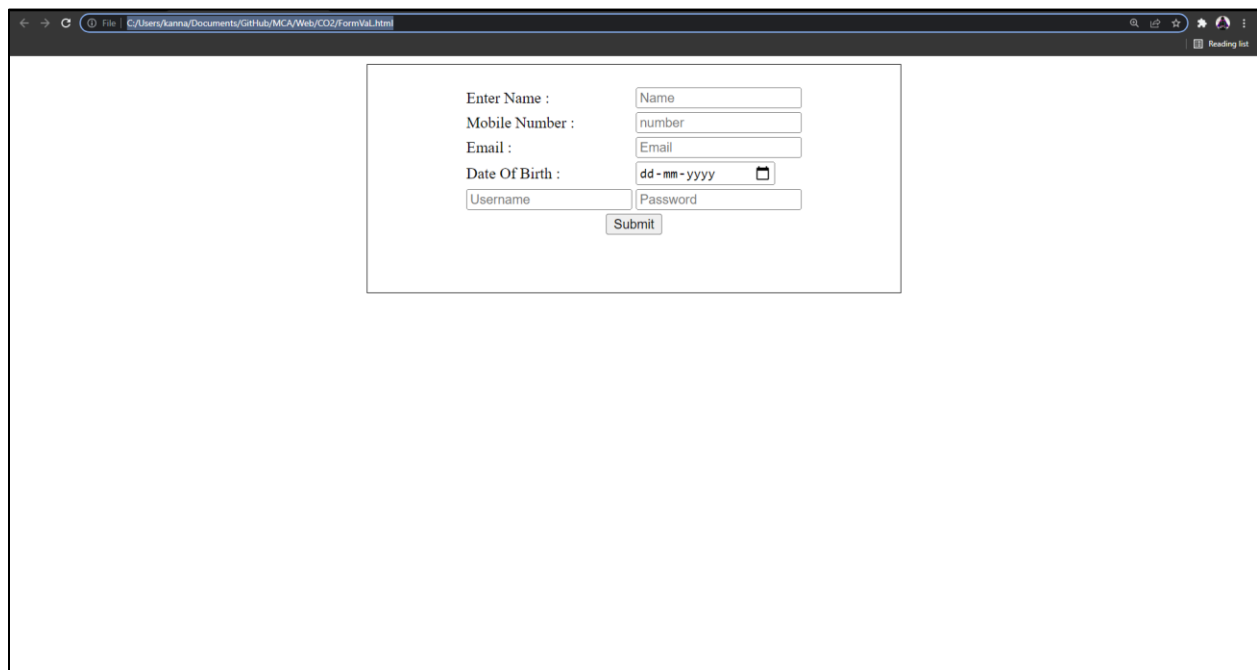
FormVaL.html	<pre><html> <head> </head> <body> <center> <div style="border: 1px solid black;width:40%;padding:20px"> <table> <tr><td>Enter Name : </td> <td><input type="text" placeholder="Name" id="name" required="" /></td></tr><tr> <td><p>Mobile Number :</p></td> <td><input type="number" placeholder="number" required="" id="num" /></td></tr><tr> <td><p>Email :</p></td> <td><input type="text" placeholder="Email" required="" id="email" /></td> </tr><tr> <td><p>Date Of Birth :</p></td> <td><input type="date" class="input" id="dob" required=""></td></tr> <tr> <td><input type="text" placeholder="Username" required="" id="Username"></td> <td><input type="text" placeholder="Password" required="" id="Password"></td></tr><tr> <td colspan="2"> <center><button onclick="Validate()">Submit</button></center></td></tr> </table></div></pre>
--------------	--

```


        <div style="visibility: hidden;width: 50px;color
:white;background-color: green;" id="p">No Errors</div>
    </center>
    <script>
    function Validate() {
        var msg = "";
        var error = 0;
        var r = /^[A-Za-z]+$;/
        var s = /^[!@#$$%&*()_+=|<>?{}\\[\]\~-$]/;
        var e = /^[^w+([\.-]?w+)*@w+([\.-]?w+)*(\.w{2,3})+$/;
        var name = document.getElementById("name");
        var number = document.getElementById("num");
        var dob = document.getElementById("dob");
        var Username = document.getElementById("Username");
        var pass = document.getElementById("Password");
        var email = document.getElementById("email");
        if (!r.test(name.value)) {
            msg += "Name should be only alphabets\n";
            error = 1; }
        if (parseInt(dob.value.split('-')[0]) < 2020) {
            msg += "Enter a valid date\n";
            error = 1; }
        if (number.value.toString().length != 10) {
            msg += "Enter valid number\n";
            error = 1;
        }
        if (!e.test(email.value)) {
            msg += "Email is not valid\n";
            error = 1; }
        if (pass.value.toString().length < 8) {
            msg += "Password should be more than 8 charaters\n";
            error = 1; }
        if (error == 1) {
            alert(msg);
        } else {
            document.getElementById("p").style.visibility = "visible";
        }
    }
    </script>
</body>
</html>

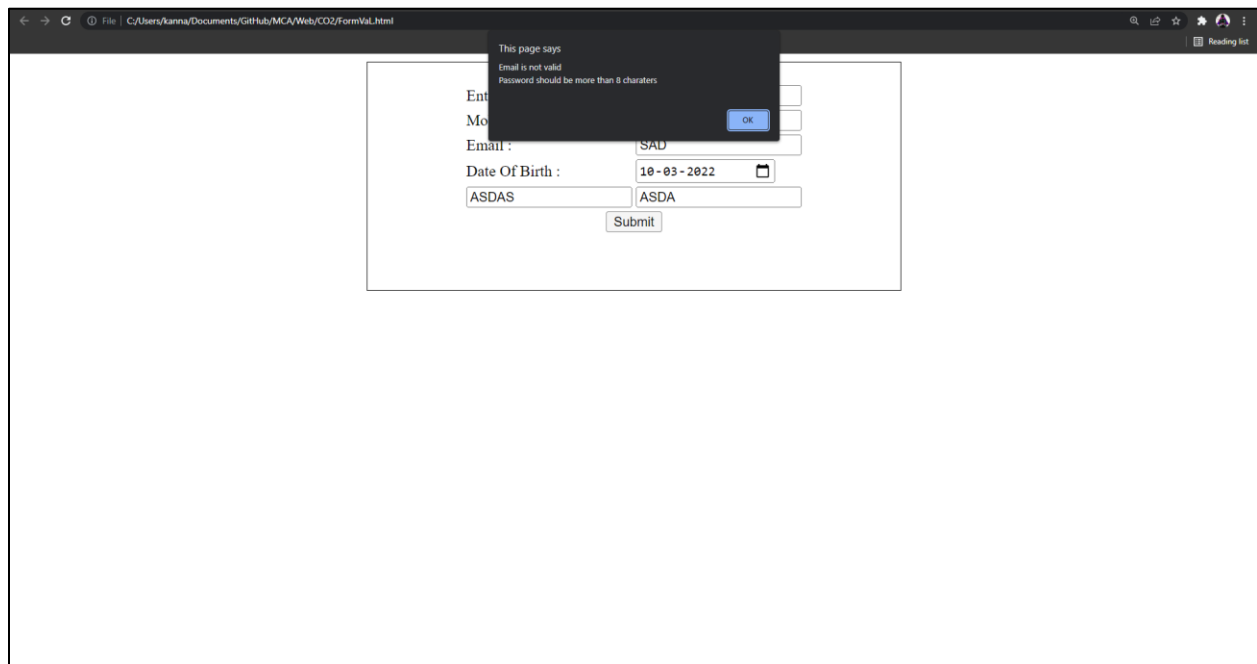
```

OUTPUT



A screenshot of a web browser displaying a registration form. The browser's address bar shows the file path: `C:/Users/kanna/Documents/GitHub/MCA/Web/CO2/FormVal.html`. The form is contained within a white box and includes the following fields and labels:


- Enter Name :
- Mobile Number :
- Email :
- Date Of Birth : 
- Username :
- Password :
-



A screenshot of the same web browser showing the registration form after an attempt to submit. A dark grey error dialog box is displayed over the form, containing the following text:

This page says
Email is not valid
Password should be more than 8 characters

The dialog box has an button. The form fields in the background show the following values:

- Enter Name :
- Mobile Number :
- Email :
- Date Of Birth : 
- Username :
- Password :
-

RESULT :

PROGRAM HAS SUCCESSFULLY EXECUTED AND OUTPUT OBTAINED

PROGRAM NO : 9

AIM

Evaluating JavaScript Event Handling for every click of a button to change the background color of a HTML page

DESIGN

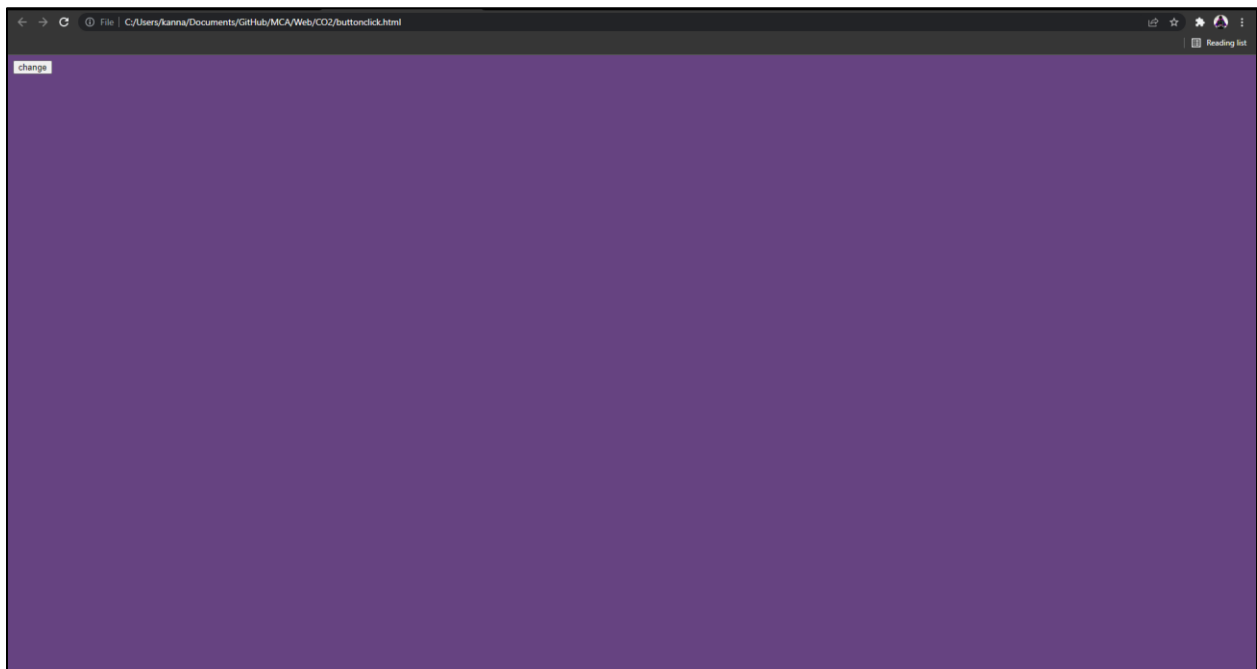
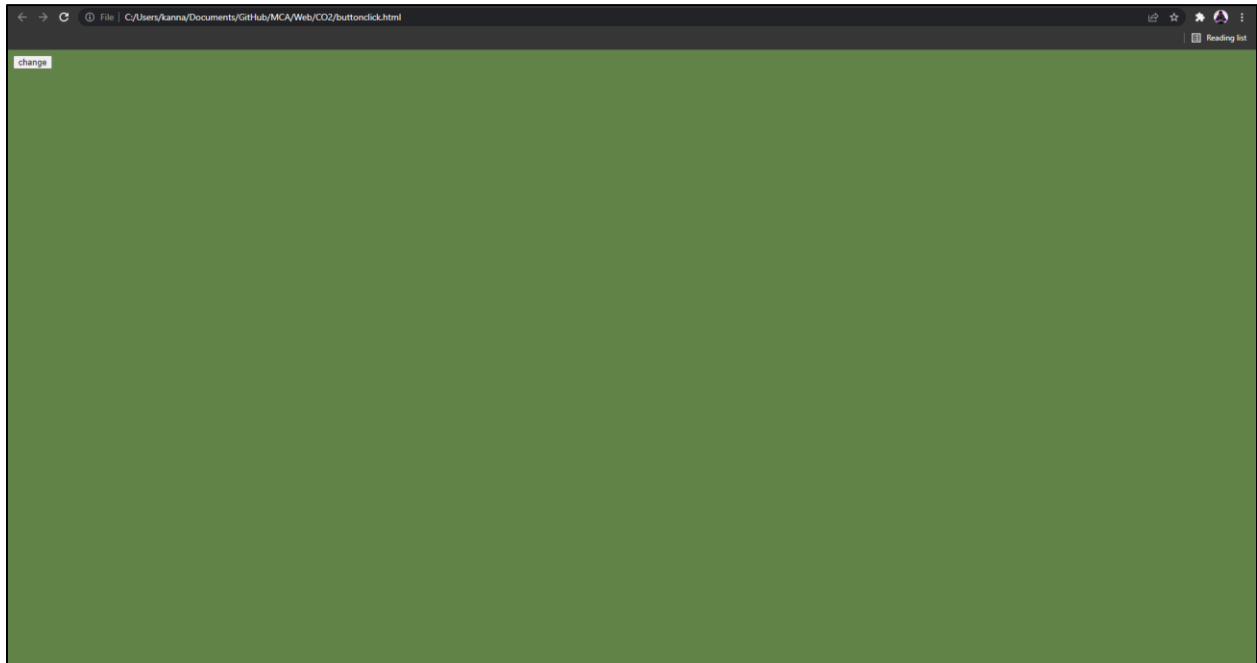
Step 1: Create a simple page with input field for basic details

Step 2: On a button click the input fields should be validated using JavaScript

PROGRAM CODE

buttonclick.html	<pre><html> <head> </head> <body id="x" style="background-color: #605000;"> <button onclick="cal()">change</button> <script> function cal() { c = Math.round(Math.random() * 100000); c = c + 605000; var b = "background-color:#" + c; document.getElementById("x").setAttribute("style", b); } </script> </body> </html></pre>
------------------	--

OUTPUT



RESULT :

PROGRAM HAS SUCCESSFULLY EXECUTED AND OUTPUT OBTAINED

PROGRAM NO : 10

AIM

Create a HTML page to display a new image and text when the mouse comes over the existing content in the page using JavaScript Event Handling.

DESIGN

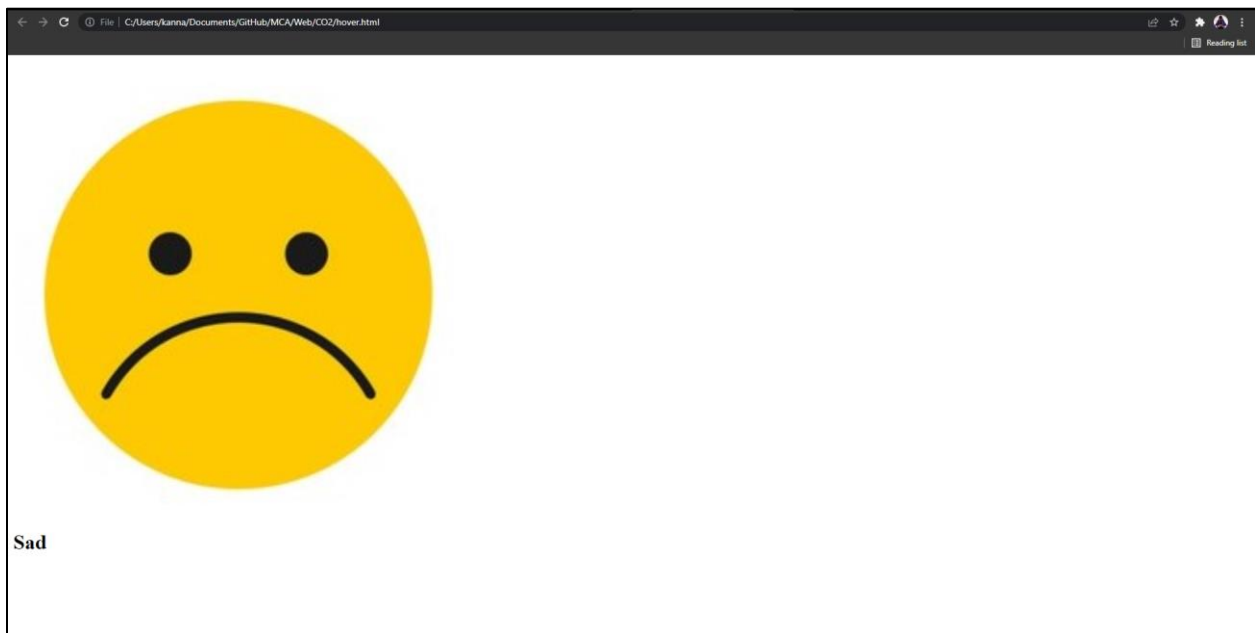
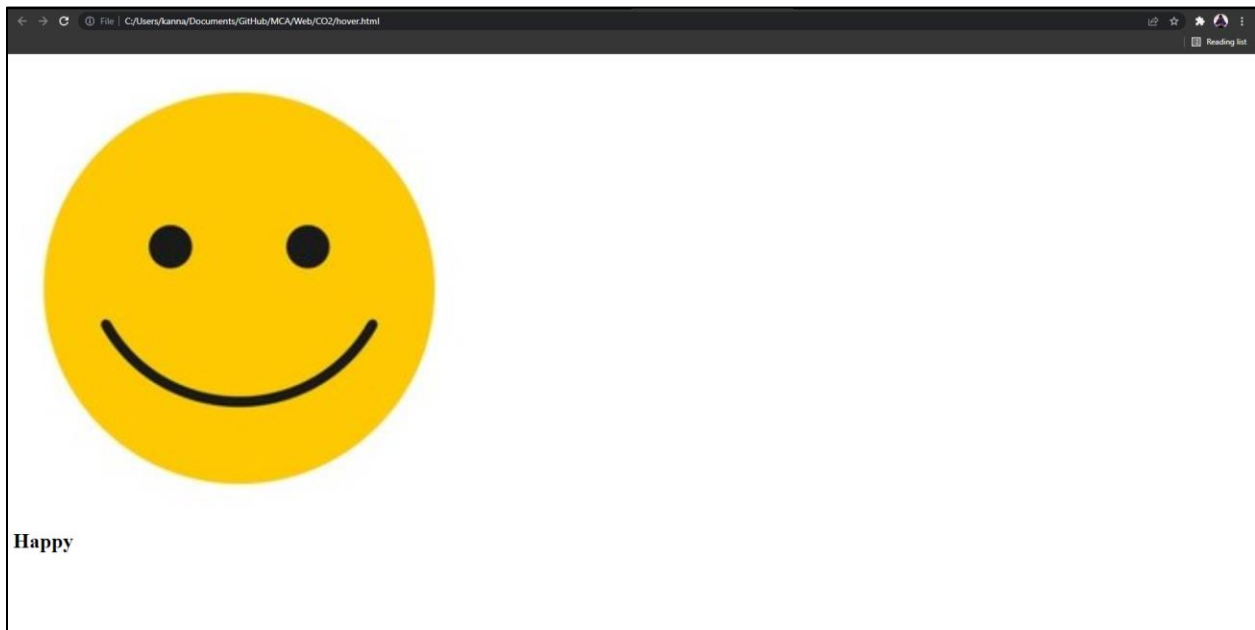
Step 1: Create a simple page with a picture and a text

Step 2: implement Hover function in the text and picture using JavaScript

PROGRAM CODE

hover.html	<pre><html> <head> </head> <body> <h1 onmouseover="cal()" onmouseleave="cal2()" id="x">Happy</h1> <script> function cal() { document.getElementById("w").setAttribute("src", "2.jpg"); document.getElementById("x").innerHTML = "Sad"; } function cal2() { document.getElementById("w").setAttribute("src", "1.jpg"); document.getElementById("x").innerHTML = "Happy"; } </script> </body> </html></pre>
------------	--

OUTPUT



RESULT :

PROGRAM HAS SUCCESSFULLY EXECUTED AND OUTPUT OBTAINED

PROGRAM NO : 11

AIM

Create a HTML page to show online exam using JavaScript.

DESIGN

Step 1: Create a html page with questions and options to select answer

Step 2: After the answers are selected in the click of a button score should be calculated

Step 3 : Score calculation is done in JavaScript

PROGRAM CODE

OnlineQuestion.html	<pre><html> <style> td { padding: 30px; } </style> <body> <table> <tr><td colspan="3">1 .OS' computer abbreviation usually means??</td> </tr> <tr> <td><form id="q1"> <td><input type="radio" id="q1" name="fav_language" value="0"> <label for="html">Order of Significance</label>
</td> <td><input type="radio" id="q1" name="fav_language" value="1"> <label for="html">Open Software</label>
</td> <td><input type="radio" id="q1" name="fav_language" value="0"> <label for="html">Operating System</label>
</td> </form><tr> <td colspan="3">1 . 'MOV' extension refers usually to what kind of file?</td></tr> <tr> <td><form id="q1"> <td><input type="radio" id="q2" name="fav_language" value="1"> <label for="html">Image file</label>
</td> <td><input type="radio" id="q2" name="fav_language" value="0"> <label for="html">Animation/movie file</label>
</td></pre>
---------------------	---

```

<td><input type="radio" id="q2" name="fav_language"
value="0"> <label for="html">Audio file</label><br></td>
</form></tr>
<tr>
<td colspan="3">1 . '.MPG' extension refers usually to what
kind of file?</td></tr>
<tr>
<form id="q1">
<td><input type="radio" id="q3" name="fav_language"
value="0"> <label for="html">Word Perfect Document
file</label><br></td>
<td><input type="radio" id="q3" name="fav_language"
value="1"> <label for="html">MS Office
document</label><br></td>
<td><input type="radio" id="q3" name="fav_language"
value="0"> <label for="html">Animation/movie
file</label><br></td>
</form></tr>
<tr>
<td colspan="4"><button
onclick="cal()">Submit</button></td></tr>
<tr>
<td colspan="2" style="border:1px solid black">Score</td>
<td colspan="2" style="border:1px solid black"
id="ans"></td></tr></table>
<script>
function cal() {
var c = 0,
i = 0;
for (i = 1; i < 4; i++) {
if (document.querySelector('input[id = "q" + i +
""].checked').value == 1) {
c++;
}
}
document.getElementById("ans").innerHTML = c * 5;
}
</script>
</body>
</html>

```

OUTPUT

The screenshot shows a web browser window with the address bar displaying the file path: `C:/Users/kanna/Documents/GitHub/MCA/Web/CO2/OnlineQuestion.html`. The browser interface includes standard navigation buttons (back, forward, refresh) and a "Reading list" icon in the top right corner.

The main content area contains three multiple-choice questions, each with a label "1." and a question text. The first question asks for the meaning of "OS", with "Order of Significance" selected. The second question asks for the meaning of ".MOV", with "Image file" selected. The third question asks for the meaning of ".MPG", with "MS Office document" selected.

Below the questions is a "Submit" button. At the bottom, a table displays the score:

Score	5
-------	---

RESULT :

PROGRAM HAS SUCCESSFULLY EXECUTED AND OUTPUT OBTAINED

PROGRAM NO : 12

AIM

Develop a PHP program to connect to a database and retrieve data from a table and show the details in a neat format.

DESIGN

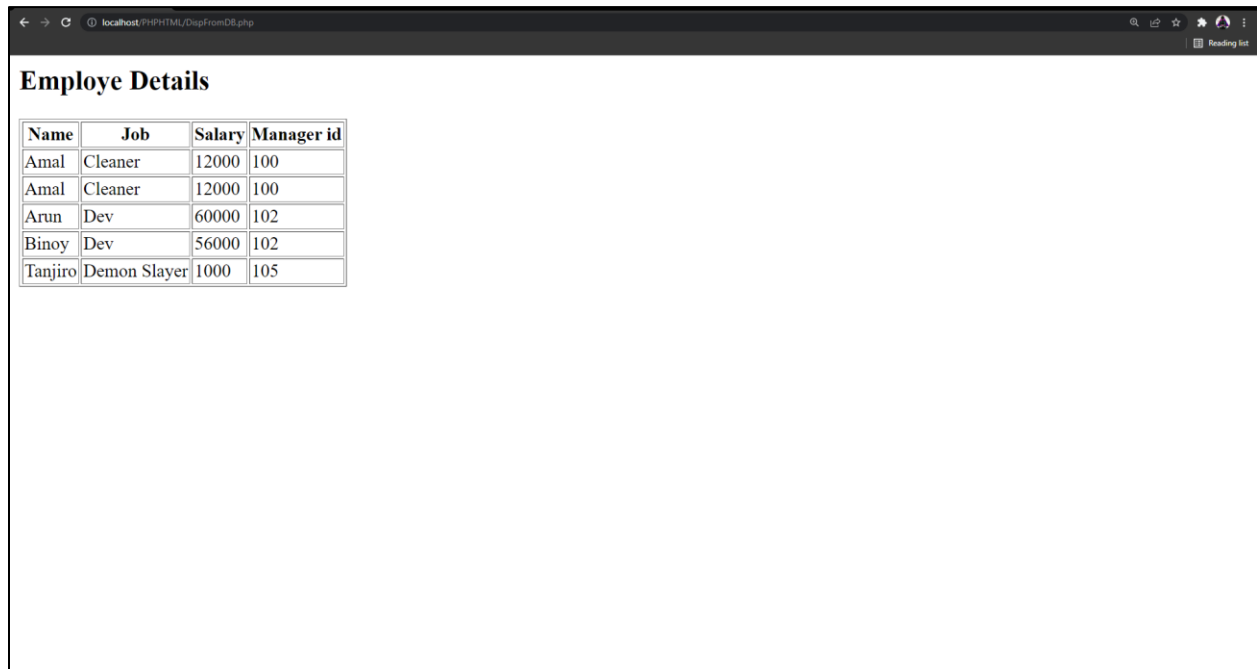
Step 1: Create a html page with header for displaying data from Database

Step 2: Include PHP code to fetch data from DB and display in HTML page in table

PROGRAM CODE

DispFromDB.html	<pre><html> <head> </head> <body> <h2>Employee Details</h2> <?php \$con=mysqli_connect("localhost","root","","MCA"); \$check="select * from Employee where salary"; \$c=mysqli_query(\$con,\$check); echo "<table border=1px><tr><th>Name</th><th>Job</th><th>Salary</th><t h>Manager id</th></tr>"; if(mysqli_num_rows(\$c)!=0) { while(\$result=mysqli_fetch_array(\$c)) { echo "<tr><td>{\$result['name']}</td>"; echo "<td>{\$result['job']}</td>"; echo "<td>{\$result['salary']}</td>"; echo "<td>{\$result['mid']}</td></tr>"; } } mysqli_close(\$con); ?> </body> </html></pre>
-----------------	---

OUTPUT



A screenshot of a web browser window showing a table titled "Employee Details". The browser's address bar displays "localhost/PHPHTML/DispFromDB.php". The table has four columns: "Name", "Job", "Salary", and "Manager id". It contains six rows of data, including two identical rows for "Amal" as a "Cleaner" with a salary of 12000 and manager id 100.

Name	Job	Salary	Manager id
Amal	Cleaner	12000	100
Amal	Cleaner	12000	100
Arun	Dev	60000	102
Binoy	Dev	56000	102
Tanjiro	Demon Slayer	1000	105

RESULT :

PROGRAM HAS SUCCESSFULLY EXECUTED AND OUTPUT OBTAINED

PROGRAM NO : 13

AIM

Outline a registration form using PHP and do necessary validations.

DESIGN

Step 1: Create a simple page with input field for basic details

Step 2: On a button click the input fields should be validated using PHP

PROGRAM CODE

DispFromDB.html	<pre><html> <head> </head> <body> <center> <div style="border: 1px solid black;width:40%;padding:20px"> <form method="POST"> <table><tr> <td>Enter Name : </td> <td><input type="text" placeholder="Name" name="user" /></td></tr> <tr><td><p>Mobile Number :</p></td> <td><input type="text" placeholder="number" name="num" /> </td></tr> <tr><td><p>Email :</p></td> <td><input type="text" placeholder="Email" name="email" /></td></tr> <tr><td><input type="text" placeholder="Username" name="user"></td> <td><input type="text" placeholder="Password" name="pass"> </td></tr> <tr> <td colspan="2"> <center><input type="submit" name="s"></center> </td> </tr> </table> </form></pre>
-----------------	---

```

<?php
    if(isset($_POST["s"]))
    {
        $con=mysqli_connect("localhost","root","","MCA");
        $error=0;
        $name=$_POST["user"];
        $username=$_POST["user"];
        $pass=$_POST["pass"];
        $num=$_POST["num"];
        $email=$_POST["email"];
        $C1=preg_match("/[a-z]/",$pass);
        $C2=preg_match("/[A-Z]/",$pass);
        $C3=preg_match("/[0-9]/",$pass);
        $C5=preg_match("/[0-9]/",$num);
        $C4=preg_match("/^\w+([\.-]?\w+)*@\w+([\.-
]? \w+)*(\.\w{2,3})+$/",$email);
        if(!($C1 && $C2 && $C3) && strlen($pass)<8)
        {echo "Password not strong";
            $error=1; }
        ?>
    <br>
    <?php
        if(!($C5) && $num!="")
        {echo "Enter number only in Number field";
            $error=1;
            if(strlen($num)!=10)
            {echo "Movable number can only be 10 digits";
                $error=1; }
            ?>
        <br>
        <?php
            if(!($C4) && $email!="")
            {echo "Enter email in correct format";
                $error=1;}
            ?>
        <br>
        <?php
            if($username=="" || $pass=="" || $num=="" ||
            $email=="" || $name=="")
            {
                echo "Enter all data";
                $error=1; }
            }
            ?>
        </center>
    </body>
</html>

```

OUTPUT

The first screenshot shows a web browser at the address `localhost:7777/HTML/FormValPhp.php`. The page contains a registration form with the following fields and labels:

- Enter Name :
- Mobile Number :
- Email :
-
-

The second screenshot shows the same browser after the form is submitted. The form fields are still present, but the `Submit` button is disabled. Below the form, the following validation messages are displayed:

- Password not strong
- Movbile number can only be 10 digits
- Enter email in correct format

RESULT :

PROGRAM HAS SUCCESSFULLY EXECUTED AND OUTPUT OBTAINED

PROGRAM NO : 14

AIM

Compose Electricity bill from user input based on a given tariff using PHP.

DESIGN

Step 1: Create a simple page with input field for entering details like unit consumed and locality

Step 2: On a button click calculate the electricity bill amount considering the locality and unit slab

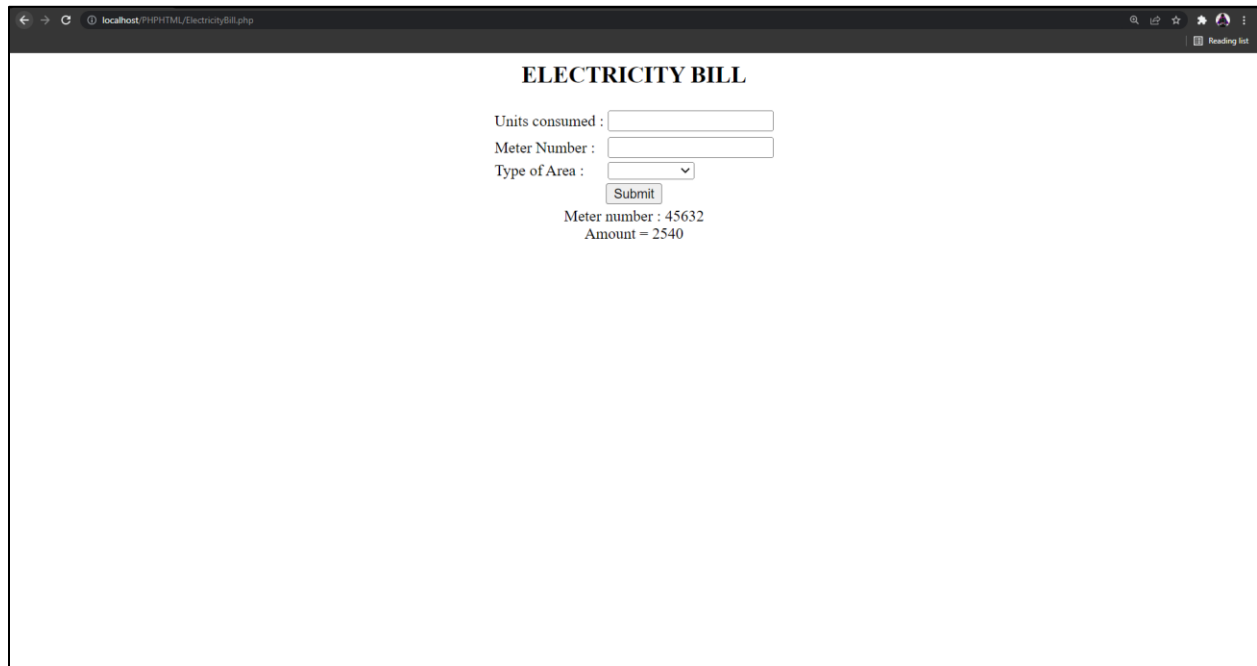
Step 3: Display the amount

PROGRAM CODE

ElectricityBill.html	<pre><html> <head> </head> <body> <center> <H2>ELECTRICITY BILL</H2> <table> <form method="POST"> <tr> <td>Units consumed :</td> <td><input type="number" name="unit"></td> <tr> <td> <td>Meter Number : </td> <td><input type="number" name="num"></td> </tr> <tr> <td>Type of Area :</td> <td><select name="area"> <option value=""></option> <option value="Rural">Rural</option> <option value="urban">Urban</option> <option value="surban">Sub-Urban</option> </select></td> </tr> <tr> <td colspan="2"> <center><input type="submit" name="s"></center> </td> </tr> </table> </body> </html></pre>
----------------------	---

```
</tr>
</form>
</table>
<?php
if(isset($_POST["s"]))
{
    $unit=$_POST["unit"];
    $area=$_POST["area"];
    $num=$_POST["num"];
    $amt=0;
    if($area="Rural"){
        $amt=$unit*5;
    }
    else if($area="surban"){
        $amt=$unit*10;
    }
    else{
        $amt=$unit*15;
    }
    if($unit <= 100){
        $amt=$amt+20;
    }
    else if($unit > 100 && $unit <= 300){
        $amt=$amt+30;
    }
    else{
        $amt=$amt+40;
    }
    echo "Meter number : ",$num,"<br>","Amount = ",$amt;
}
?>
</center>
</body>
</html>
```

OUTPUT



The screenshot shows a web browser window with the address bar displaying 'localhost/PHPHTML/ElectricityBill.php'. The page title is 'ELECTRICITY BILL'. The form contains the following elements:

- Units consumed :
- Meter Number :
- Type of Area :
-
- Meter number : 45632
- Amount = 2540

RESULT :

PROGRAM HAS SUCCESSFULLY EXECUTED AND OUTPUT OBTAINED

PROGRAM NO : 15

AIM

Build a PHP code to store name of students in an array and display it using print_r function. Sort and Display the same using asort & arsort functions.

DESIGN

Step 1: Create an html page to display student details

Step 2: Using PHP print the details using “print_r” , “asort” & “arsort” functions.

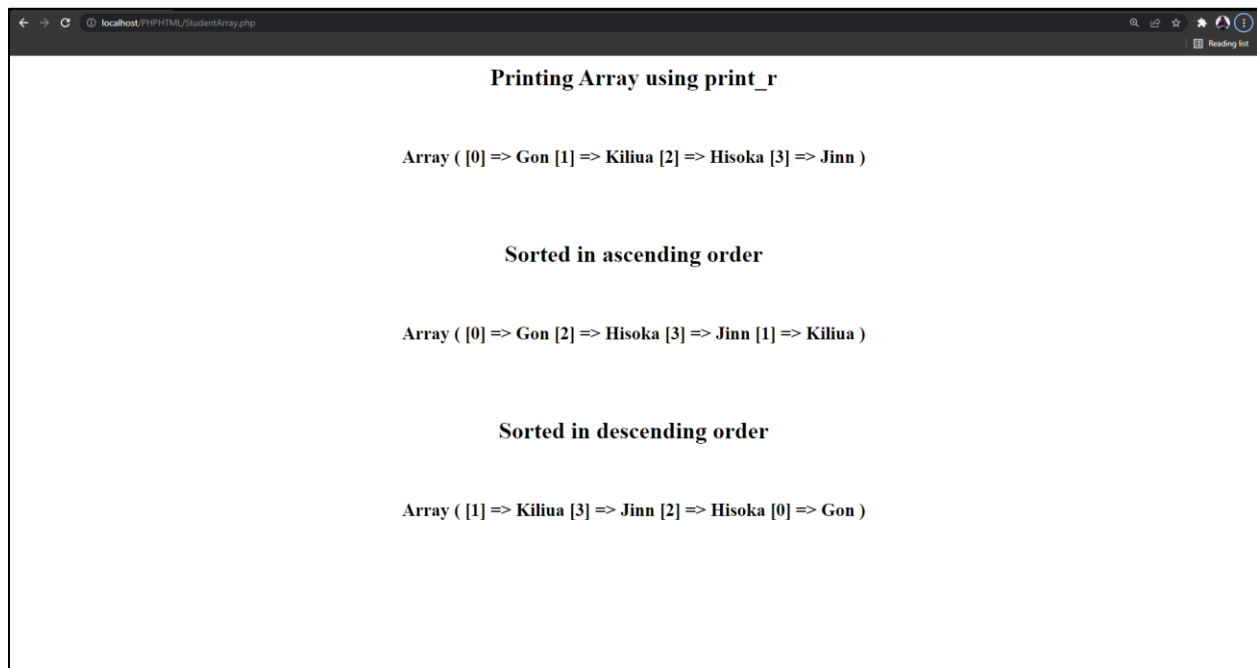
PROGRAM CODE

StudentArray.html	<pre><html> <head> </head> <body> <center> <?php \$s=array("Gon","Kiliua","Hisoka","Jinn"); echo "<h2>Printing Array using print_r</h2>
<h3>" ; print_r(\$s); echo "</h3>" ; echo "

<h2>Sorted in ascending order</h2>
<h3>" ; asort(\$s); print_r(\$s); echo "</h3>" ; echo "

<h2>Sorted in descending order</h2>
<h3>" ; arsort(\$s); print_r(\$s); echo "</h3>" ; ?> </center> </body> </html></pre>
-------------------	---

OUTPUT



RESULT :

PROGRAM HAS SUCCESSFULLY EXECUTED AND OUTPUT OBTAINED

PROGRAM NO : 16

AIM

Build a PHP code to store name of Indian Cricket players in an array and display the same in HTML table.

DESIGN

Step 1: Create a simple html page to display the names of the cricket players in table

Step 2: Using PHP iterate through the array and display in the table

PROGRAM CODE

CricketArray.html	<pre><html> <head> </head> <body> <center> <table border="1px" style="width:50%"> <tr> <th>No :</th> <th>Name</th> </tr> <?php \$s=array("Dhoni","Yuvraj","Sreesanth","Raina","Sachin"); foreach(\$s as \$x=>\$c) { echo "<tr><td><h3>\$x</h3></td><td><h3>\$c</h3></td></tr>"; } ?> </table> </center> </body> </html></pre>
-------------------	--

OUTPUT

No :		Name	
0		Dhoni	
1		Yuvraj	
2		Sreesanth	
3		Raina	
4		Sachin	

RESULT :

PROGRAM HAS SUCCESSFULLY EXECUTED AND OUTPUT OBTAINED

PROGRAM NO : 17

AIM

Using PHP and MySQL, develop a program to accept book information viz. Accession number, title, authors, edition and publisher from a web page and store the information in a database and to search for a book with the title specified by the user and to display the search RESULT : PROGRAM HAS SUCCESSFULLY EXECUTED AND OUTPUT OBTAINEDs with proper headings

DESIGN

Step 1: Create a simple html page having input fields to accept data of books

Step 2: Using PHP insert the data into the database

Step 3:Fetch the data from the database and display in the html page with a matching book title

PROGRAM CODE

Bookviz.html	<pre><html> <head> </head> <body> <center> <div> <div style="width:47%;padding:20px;float:left"> <form method="POST"> <table> <tr> <td> Accession number : </td> <td> <input type="text" name="num" /> </td> </tr> <tr> <td> <p>Title :</p> </td> <td> <input type="text" name="title" /> </td> </tr> <tr> <td> <p>Authors :</p> </td> <td></pre>
--------------	---

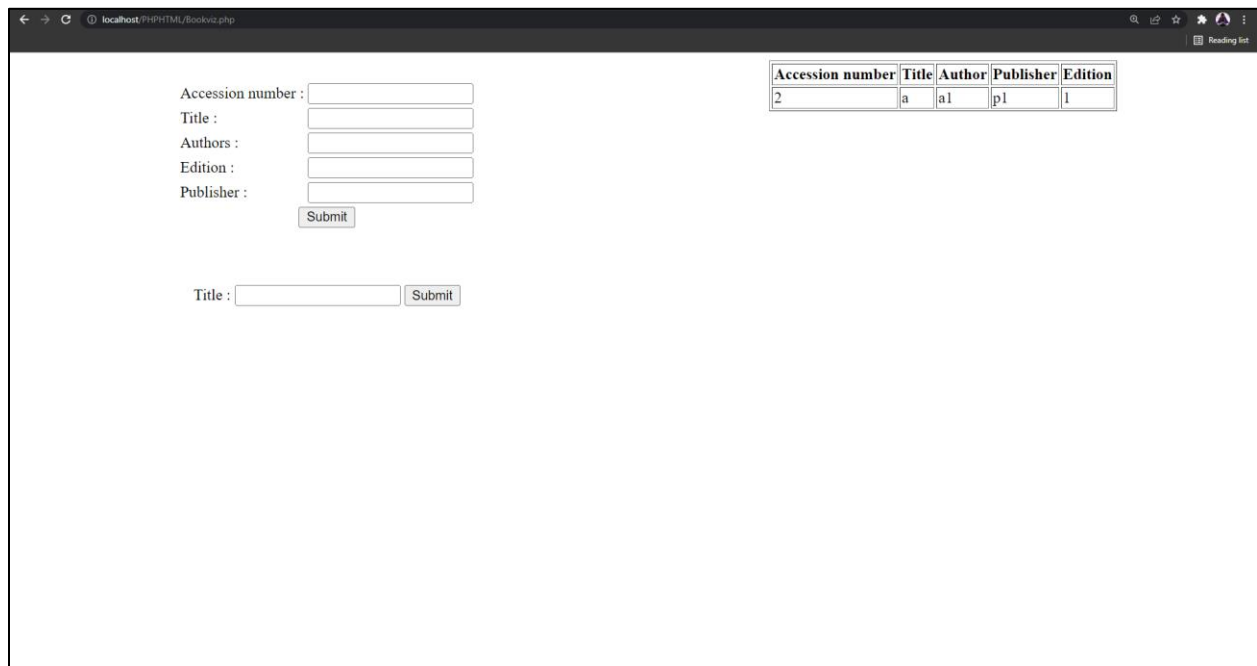
```

<input type="text" name="author" /></td></tr>
<tr>
<td><p>Edition :</p></td>
<td><input type="text" name="edition" /></td></tr>
<tr><td><p>Publisher :</p></td>
<td><input type="text" name="pub" /></td>
</tr>
<tr><td colspan="2">
<center><input type="submit" name="s"></center>
</td></tr>
</table>
</form>
<?php
if(isset($_POST["s"]))
{
$con=mysqli_connect("localhost","root","","MCA");
$title=$_POST["title"];
$author=$_POST["author"];
$pub=$_POST["pub"];
$num=$_POST["num"];
$edition=$_POST["edition"];
$check="select id from book where id={$num}";
$c=mysqli_query($con,$check);
if(mysqli_num_rows($c)==0)
{
$query="INSERT INTO book
(title,author,publisher,edition)
VALUES('{$title}','{$author}','{$pub}','{$edition}')";
mysqli_query($con,$query);
}
else{
echo "Book already exists";
}
mysqli_close($con);
}
?>
</div>
<div style="width:47%;padding:20px;float:left">
<form method="POST">
Title : <input type="text" name="title1">
<input type="submit" name="s2">
</form>
</div>
<?php

```

```
if(isset($_POST["s2"]))
{
    $title=$_POST["title1"];
    $con=mysqli_connect("localhost","root","","MCA");
    $check="select * from book where title='{ $title}'";
    $c=mysqli_query($con,$check);
    echo "<table border=1px><tr><th>Accession
number</th><th>Title</th><th>Author</th><th>Publisher</th>
<th>Edition</th></tr>";
    if(mysqli_num_rows($c)!=0)
    {
        while($result=mysqli_fetch_array($c))
        {
            echo "<tr><td>{$result["id"]}</td>";
            echo "<td>{$result["title"]}</td>";
            echo "<td>{$result["author"]}</td>";
            echo "<td>{$result["publisher"]}</td>";
            echo "<td>{$result["edition"]}</td></tr>";
        }
    }
    else{
        echo "Book doesn't exists";
    }
    mysqli_close($con);
}
?>
</div>
</center>
</body>
</html>
```

OUTPUT



The screenshot shows a web browser window with the address bar displaying 'localhost/PHPHTML/bookv2.php'. The page contains a search form on the left and a table of results on the right.

Search Form:

Accession number :
Title :
Authors :
Edition :
Publisher :

Table:

Accession number	Title	Author	Publisher	Edition
2	a	al	p1	l

Additional Form:

Title :

RESULT :

PROGRAM HAS SUCCESSFULLY EXECUTED AND OUTPUT OBTAINED