

20MCA133 – WEB PROGRAMMING LAB

Lab Report Submitted By

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Reg. No.: AJC22MCA-2053

In Partial Fulfilment for the Award of the Degree of

MASTER OF COMPUTER APPLICATIONS (2 Year) (MCA)

APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY



**AMAL JYOTHI COLLEGE OF ENGINEERING
KANJIRAPPALLY**

[Affiliated to APJ Abdul Kalam Technological University, Kerala. Approved by AICTE,
Accredited by NAAC with ‘A’ grade. Koovapally, Kanjirappally, Kottayam, Kerala – 686518]

2022-2023

DEPARTMENT OF COMPUTER APPLICATIONS

AMAL JYOTHI COLLEGE OF ENGINEERING KANJIRAPPALLY



CERTIFICATE

This is to certify that the lab report, "**20MCA133 WEB PROGRAMMING LAB**" is the bona fide work of **JENNY JOHNSON (AJC22MCA-2053)** in partial fulfilment of the requirements for the award of the Degree of Master of Computer Applications under APJ Abdul Kalam Technological University during the year **2022-23**.

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| Course Code | Course Name | Syllabus Year | L-T-P-C |
|-------------|---------------------|---------------|---------|
| 20MCA133 | Web Programming Lab | 2020 | 0-1-3-2 |

VISION

To promote an academic and research environment conducive for innovation centric technical education.

MISSION

- MS1 - Provide foundations and advanced technical education in both theoretical and applied Computer Applications in-line with Industry demands.
- MS2 - Create highly skilled computer professionals capable of designing and innovating real life solutions.
- MS3 - Sustain an academic environment conducive to research and teaching focused to generate up-skilled professionals with ethical values.
- MS4 - Promote entrepreneurial initiatives and innovations capable of bridging and contributing with sustainable, socially relevant technology solutions.

COURSE OUTCOME

| CO | Outcome | Target |
|-----|--|--------|
| CO1 | Explore markup languages features and create interactive web pages using them. | 60.5 |
| CO2 | Learn and design client-side validation using scripting languages. | 60.5 |
| CO3 | Design front end web page and connect to the back-end databases. | 60.5 |
| CO4 | Do Client-side & Server-side scripting | 60.5 |
| CO5 | Develop Web Applications | 60.5 |

COURSE END SURVEY

| CO | Survey Question | Answer Format |
|-----|---|--|
| CO1 | To what extend you explore markup languages features and create interactive web pages using them. | Excellent/Very Good/Good Satisfactory/Needs improvement |
| CO2 | To what extend you learn and design client-side validation using scripting languages. | Excellent/Very Good/Good Satisfactory/Needs improvement |
| CO3 | To what extend you design front end web page and connect to the back-end databases. | Excellent/Very Good/Good Satisfactory/Needs improvement |
| CO4 | To what extend you do Client-side & Server-side scripting. | Excellent/Very Good/Good Satisfactory/Needs improvement |
| CO5 | To what extent you develop Web Applications. | Excellent/Very Good/Good Satisfactory/Needs improvement |

CONTENT

| Sl. No. | Experiment | Date | CO | Page No. |
|--------------------|--|-------------|-----------|---------------------|
| 1 | Model a simple HTML file to demonstrate the use of different tags. | 26-10-2022 | CO1 | 1 |
| 2 | Create a HTML file to link to different HTML page which contains images, tables, and also link within a page. | 27-10-2022 | CO1 | 3 |
| 3 | Create a HTML page with different types of frames such as floating frame, navigation frame & mixed frame. | 27-10-2022 | CO1 | 7 |
| 4 | Demonstrate a registration form using HTML. | 02-11-2022 | CO1 | 9 |
| 5 | Analyze CSS by applying the different styles using inline, external & internal style sheets in a HTML file. | 16-11-2022 | CO1 | 13 |
| 6 | Create a HTML page to explain the use of various predefined functions in a string and math object in java script. | 23-11-2022 | CO2 | 20 |
| 7 | Generate the calendar using JavaScript code by getting the year from the user. | 24-11-2022 | CO2 | 23 |
| 8 | Create a HTML registration form and to validate the form using JavaScript code. | 30-11-2022 | CO2 | 26 |
| 9 | Evaluating JavaScript Event Handling for every click of a button to change the background color of a HTML page. | 01-12-2022 | CO2 | 29 |
| 10 | 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. | 01-12-2022 | CO2 | 31 |
| 11 | Create a HTML page to show online exam using JavaScript. | 07-12-2022 | CO2 | 33 |

| Sl. No. | Experiment | Date | CO | Page No. |
|--------------------|--|-------------|-----------------------------|---------------------|
| 12 | Develop a PHP program to connect to a database and retrieve data from a table and show the details in a neat format. | 14-12-2022 | CO3 | 36 |
| 13 | Outline a registration form using PHP and do necessary validations. | 15-12-2022 | CO4 | 40 |
| 14 | Compose Electricity bill from user input based on a given tariff using PHP. | 15-12-2022 | CO4 | 43 |
| 15 | 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. | 15-12-2022 | CO4 | 46 |
| 16 | Build a PHP code to store name of Indian Cricket players in an array and display the same in HTML table. | 21-12-2022 | CO4 | 48 |
| 17 | Develop Web applications using HTML and PHP | 21-12-2022 | CO5 | 50 |
| 18 | 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 results with proper headings. | 22-12-2022 | CO5 | 57 |
| 19 | Micro Project | 11-1-223 | CO1, CO2,CO3, CO4,CO5 | 64 |

Experiment No.: 1

Aim

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

CO1

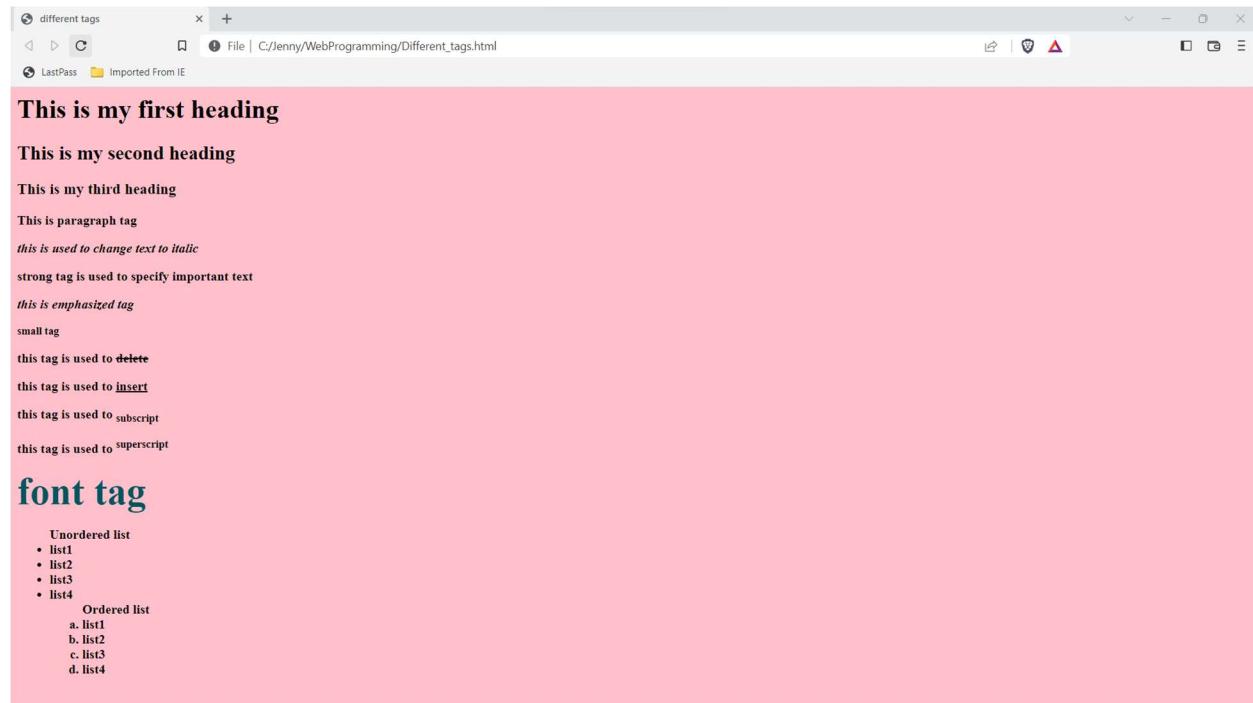
Explore markup languages features and create interactive web pages using them.

Procedure

```
<html>
<head><title>different tags</title></head>
<body bgcolor="pink">
<h1>This is my first heading</h1>
<h2>This is my second heading</h2>
<h3>This is my third heading</h3>
<p><b>This is paragraph tag<br></b></p>
<p><i>this is used to change text to italic</i></p>
<p><strong>strong tag is used to specify important text</strong></p>
<p><em>this is emphasized tag</em></p>
<small>small tag</small>
<p>this tag is used to <del>delete</del></p>
<p>this tag is used to <ins>insert</ins></p>
<p>this tag is used to <sub>subscript</sub></p>
<p>this tag is used to <sup>superscript</sup></p>
<font size="7" color="05556">font tag</font>
<ul>Unordered list
<li> list1</li>
<li> list2</li>
<li> list3</li>
<li> list4</li></ol>
```

```
<ol type="a">Ordered list  
<li> list1</li>  
<li> list2</li>  
<li> list3</li>  
<li> list4</li></ul></body>  
</html>
```

Output Screenshot



Result

The program was executed and the result was successfully obtained. Thus, CO1 was obtained.

Experiment No.: 2

Aim

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

CO1

Explore markup languages features and create interactive web pages using them.

Procedure

home.html

```
<html>
<head><title>home page</title></head>
<body bgcolor="grey">
<h1><marquee><I>AMAL JYOTHI COLLEGE OF ENGINEERING</I></marquee></h1>
<br>
<a href="departments.html"><b><h2>DEPARTMENTS</h2></b></a>
<a href="about.html"><b><h2>ABOUT US</h2></b></a>
</body></html>
```

departments.html

```
<html>
<head><title>Department</title></head>
<body bgcolor="Lightblue">
<h3><b><font color="black">DEPARTMENTS</font></b></h3>
<table border="2" align="left">
<tr>
<th>BTECH</th>
<th>MTECH</th>
<th>MCA</th>
```

```
<th>BASIC SCIENCE</th>
</tr>
<tr>
<td>Mechanical Engineering</td>
<td>Mechanical Engineering</td>
<td>Regular MCA</td>
<td>Food Science</td>
</tr>
<tr>
<td>Civil Engineering</td>
<td>Civil Engineering</td>
<td>Integrated MCA</td>
<td>Metallurgy</td>
</tr>
<tr>
<td>Computer Engineering</td>
<td>Computer Engineering</td>
<td></td>
<td></td>
</tr></table></body></html>
```

about.html

```
<html>
<head><title>about</title></head>
<body bgcolor="grey">
<h1><b><u> ABOUT US.....</u></b>
<p>Amal Jyothi College of Engineering, Kanjirapally, is the first engineering college in
Kerala to obtain NAAC accreditation with ‘A’ grade,
```

and the first new generation engineering college in the State to secure the prestigious NBA accreditation for prime departments.

Amal Jyothi is approved by the All India Council for Technical Education (AICTE), New Delhi.

It is affiliated to APJ Abdul Kalam Technological University, Thiruvananthapuram since 2015.

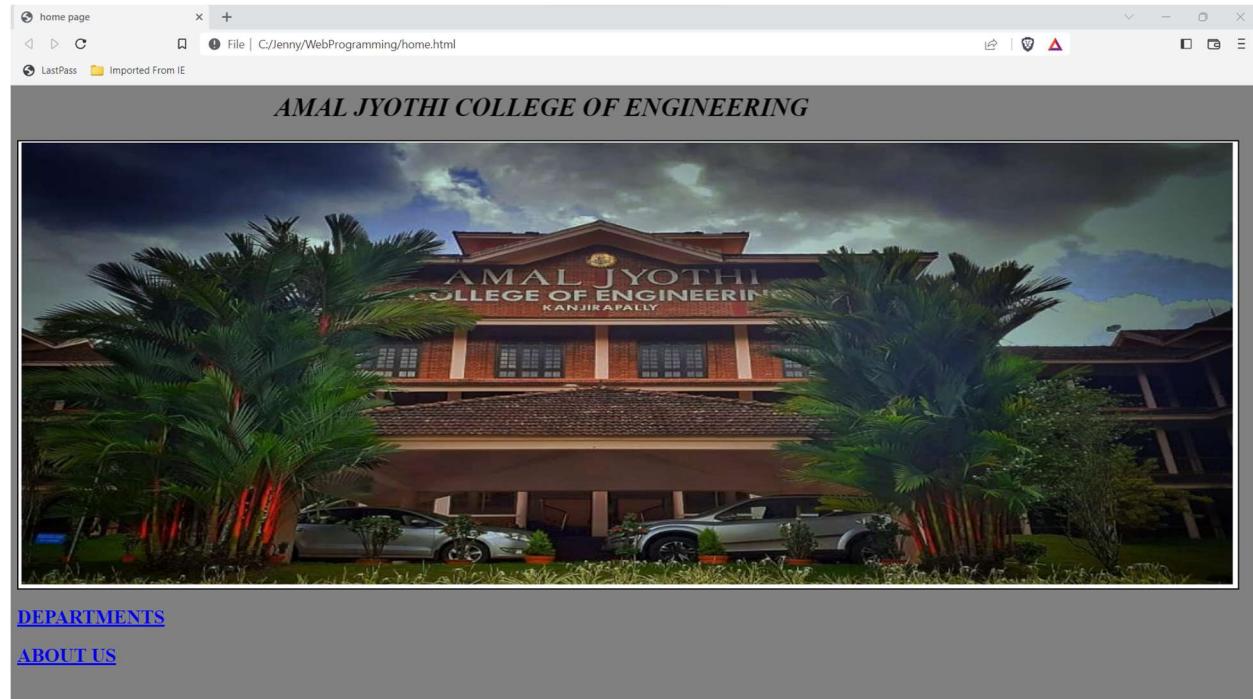
During the years 2001-2014, the College was affiliated to Mahatma Gandhi University, Kottayam.

The main features of the College comprises world-class infrastructure, top-flight faculty, high pass percentage, excellent placement record, unique student projects and first rate innovation.

</p></body></html>

Output Screenshot

Home.html



departments.html

DEPARTMENTS

| BTECH | MTECH | MCA | BASIC SCIENCE |
|------------------------|------------------------|----------------|---------------|
| Mechanical Engineering | Mechanical Engineering | Regular MCA | Food Science |
| Civil Engineering | Civil Engineering | Integrated MCA | Metallurgy |
| Computer Engineering | Computer Engineering | | |

About.html

ABOUT US.....

Amal Jyothi College of Engineering, Kanjirapally, is the first engineering college in Kerala to obtain NAAC accreditation with 'A' grade, and the first new generation engineering college in the State to secure the prestigious NBA accreditation for prime departments. Amal Jyothi is approved by the All India Council for Technical Education (AICTE), New Delhi. It is affiliated to APJ Abdul Kalam Technological University, Thiruvananthapuram since 2015. During the years 2001-2014, the College was affiliated to Mahatma Gandhi University, Kottayam. The main features of the College comprises world-class infrastructure, top-flight faculty, high pass percentage, excellent placement record, unique student projects and first rate innovation.

Result

The program was executed and the result was successfully obtained. Thus, CO1 was obtained

Experiment No.: 3

Aim

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

CO1

Explore markup languages features and create interactive web pages using them.

Procedure

firstf.html

```
<html>
<frameset rows="50%,50%">
<frame src="q3nav.html">
<frameset cols="50%">
<frame src="qmixed.html">
</frameset>
</frameset>
</html>
```

navigation.html

```
<html>
<frameset cols="60%,*">
<frame src="f1.html">
<frame src="m.html">
</frameset>
</html>
```

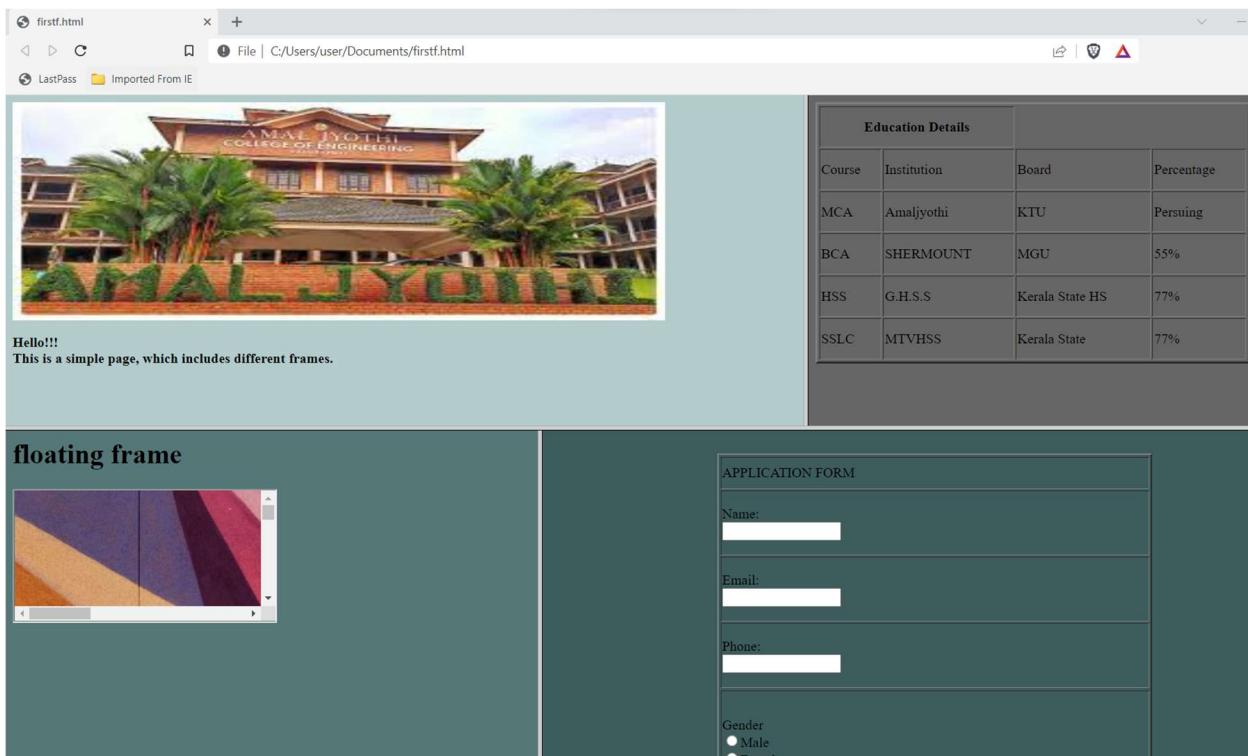
floating.html

```
<html>
<body bgcolor="557777">
<h1>floating frame</h1>
```

```
<iframe src="art1.jpg">
</frame>
</body>
</html>
```

mixed.html

```
<html>
<frameset cols="40%,60%">
<frame src="qfloating.html">
<frame src="s.html">
</frameset>
</html>
```

Output Screenshot**Result**

The program was executed and the result was successfully obtained. Thus, CO1 was obtained

Experiment No.: 4

Aim

Demonstrate a registration form using HTML.

CO1

Explore markup languages features and create interactive web pages using them.

Procedure

```
<html>
<head>
<title>Form in Table</title>
</head>
<body>
<form name="input" action="s.html" method="get">
<table border="3" width="700" height="700" align="center" bgcolor="b3cccc">
<th colspan="2">REGISTRATION FORM</th>
<tr>
<td><label>NAME</label></td>
<td><input type="text" name="NAME" size="30"></td>
</tr>
<tr>
<td><label>ADDRESS</label></td>
<td><textarea cols="30" rows="3" value="NAME"></textarea></td>
</tr>
<tr>
<td><label>Date of Birth</label></td>
<td><input type="date"></td>
</tr>
```

```
<tr>
<td>
<label>Mobile No.</label></td>
<td><input type="number"></td>
</tr>

<tr>
<td>
<label>Email</label></td>
<td><input type="email"></td>
</tr>

<tr>
<td>
<label>Gender</label></td>
<td>
<input type="radio" name="gender">Male
<input type="radio" name="gender">Female
<input type="radio" name="gender">Others
</td>
</tr>

<tr>
<td>
<label>Country</label></td>
<td>
<select name="city">
<option value="India">India</option>
<option value="South Africa">South Africa</option>
<option value="America">America</option>
<option value="Japan">Japan</option>
</td>
```

```
</tr>
<tr >
<td>
<label>Course</label></td>
<td>
<select name="Course">
<option value="mca">MCA</option>
<option value="integrated mca">INTEGRATED MCA</option>
<option value="btech">BTECH</option>
<option value="mtech">MTECH</option>
</td>
</tr>
<tr >
<td>
<label>Pervious University</label></td>
<td>
<select name="university">
<option value="mgu">MGU,Kottayam</option>
<option value="ktu">KTU,Thiruvananthapuram</option>
<option value="ku">Kerala University,Thiruvananthapuram</option>
<option value="others">Others</option>
</td>
</tr>
<tr>
<td colspan="2" align="center">
<input type="Submit" value="submit">
<input type="reset" value="reset">
</td>
```

```
</tr>
</table>
</form>
</body>
</html>
```

Output Screenshot

The screenshot shows a web browser window with a registration form titled "REGISTRATION FORM". The form consists of several input fields and dropdown menus:

- NAME: Text input field.
- ADDRESS: Text input field.
- Date of Birth: Text input field with placeholder "dd-mm-yyyy".
- Mobile No.: Text input field.
- Email: Text input field.
- Gender: Radio buttons for Male, Female, and Others.
- Country: Dropdown menu set to India.
- Course: Dropdown menu set to MCA.
- Previous University: Dropdown menu set to MGU,Kottayam.

At the bottom of the form are two buttons: "submit" and "reset".

Result

The program was executed and the result was successfully obtained. Thus, CO1 was obtained

Experiment No.: 5

Aim

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

CO1

Explore markup languages features and create interactive web pages using them.

Procedure

resume.html

```
<html>
<head><title>Resume</title>
    <link rel="stylesheet" href="css.css">
<style>
body
{
    background-color: rgb(253, 254, 255);
    display: flex;
    justify-content: center;
    align-items:center;
}
</style>
</head>
<body>
<div class="full">
    <div class="left">
        <div class="image">
            
        </div>
        <div class="Contact">
```

```
<h2>JENNY JOHNSON</p>
      <h2>Contact</h2>
      <p><b>Email id:</b>xyz@gmail.com</p>
      <p><b>Mobile no :</b>1234567890</p>
      <p><b>Linkedin:</b><a href="">jenny@linkedin</a></b></p>
      </div>
      <div class="Skills">
          <h2>Skills</h2>
          <ul>
              <li><b>Programming Languages :</b>
                  Python, Java, C++</li>
              <li><b>Frontend :</b> HTML5, CSS,
                  JavaScript</li>
          </ul>
          </div>
          <div class="Language">
              <h2>Language</h2>
              <ul>
                  <li>English</li>
                  <li>Hindi</li>
                  <li>Malayalam</li>
              </ul>
          </div>
          <div class="Hobbies">
              <h2>Hobbies</h2>
              <ul>
                  <li>Reading</li>
              </ul>
          </div>
```

```
<li>Learning new things</li>
</ul>
</div>
</div>

<div class="right">
<div class="name">
<h1>RESUME</h1>
</div>
<div class="title">
</div>
<div class="Summary">
<h2>Objective</h2>
<p>To secure a challenging position in a
reputable organization
to expand my learning knowledge and skill
</p>
</div>
<div class="Experience">
<h2>Experience</h2>
<h3>Abc webdev pvt ltd - Senior Web Developer</h3>
<p>January 2022 to Present</p>
<ul>
<li>Actively engaged in web creative
design and development.</li>
<li>Designing project & planning</li>
</ul>
<h3>Xyz webdev pvt ltd - junior web developer</h3>
<p>August 2021 to December 2021</p>
<ul>
```

```
<li>Actively engaged in web creative  
design and development.</li>  
<li>Designing project & planing</li>  
<li>Working on designing</li>  
</ul>  
</div>  
<div class="Education">  
    <h2>Education</h2>  
    <table border="1" >  
        <tr>  
            <th>Course</th>  
            <th>Institution</th>  
            <th>Board</th>  
            <th>Percentage</th>  
        </tr>  
        <tr>  
            <th>MCA</th>  
            <th>Amaljyothi</th>  
            <th>KTU</th>  
            <th>Persuing</th>  
        </tr>  
        <tr>  
            <th>BCA</th>  
            <th>SHERMOUNT</th>  
            <th>MGU</th>  
            <th>55%</th>  
        </tr>  
        <tr>
```

```
<th>HSS</th>
    <th>G.H.S.S</th>
    <th>Kerala State HS</th>
    <th>77%</th>
</tr>
<tr>
    <th>SSLC</th>
    <th>MTVHSS</th>
    <th>Kerala State</th>
    <th>77%</th>
</tr>
</table>
</div>
<div class="project">
    <ul>
        <li>
            <h2>Project1</h2>
            <p>This project is based on html
            </p>
        </li>
        <li>
            <h2>Project2</h2>
            <p>This project is based on html
            </p>
        </li>
    </ul>
</div>
```

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

css.css

```
* {  
    margin: 0;  
    padding: 0;  
    box-sizing: border-box;  
    border-width: 3px 3px 3px;  
}  
  
.full {  
    width: 50%;  
    max-width: 1000px;  
    min-height: 100px;  
    background-color: rgb(245, 239, 231);  
    margin: 0px;  
    display: grid;  
    grid-template-columns: 3fr 6fr;  
}  
  
.left {  
    position: initial;  
    background-color: rgb(126, 219, 231);  
    padding: 30px;  
}  
  
.right {
```

```

position: initial;

background-color: rgb(162, 202, 206);

padding: 25px;

}

.image, .Contact, .Skills, .Language, .Hobbies, .title,
.Summary, .Experience, .Education, .project {

margin-bottom: 30px;

}

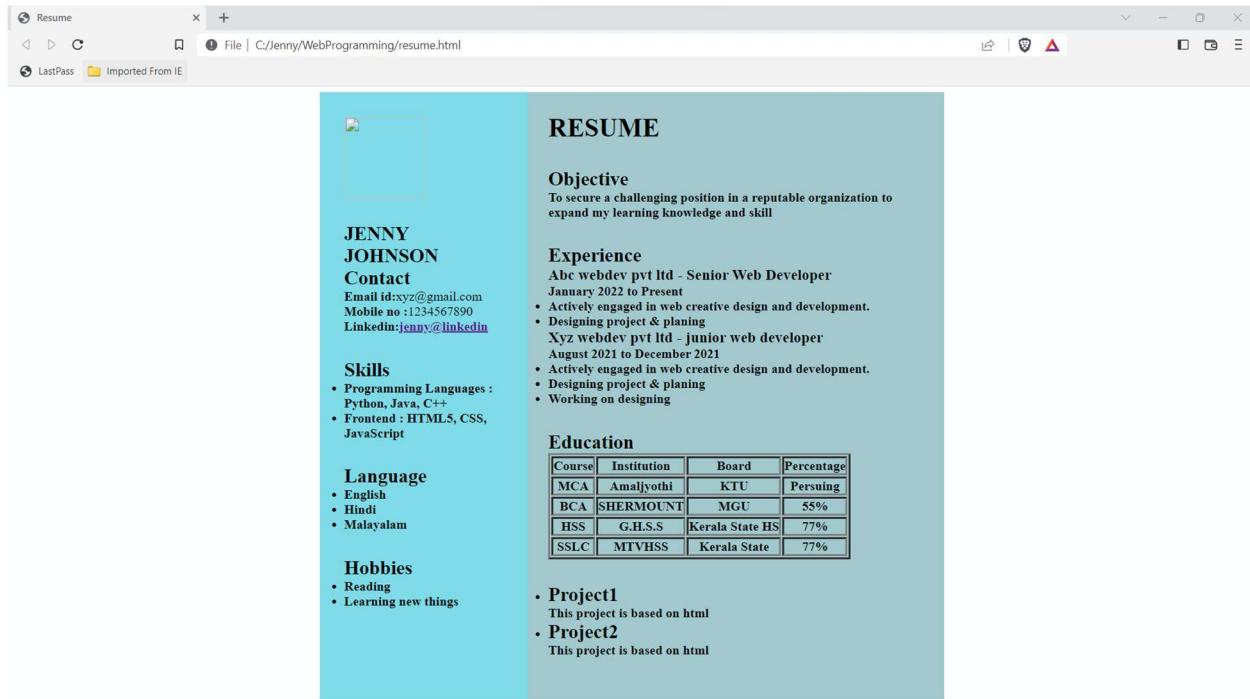
.h2 {

background-color: rgb(4, 96, 150);

}

```

Output Screenshot



Result

The program was executed and the result was successfully obtained. Thus, CO1 was obtained.

Experiment No.: 6

Aim

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

CO2

Learn and design client-side validation using scripting languages.

Procedure

```
<html>
<body>
<p id="demo"></p>
<p>Enter a number</p>
<input type="text" id="Text1" name="TextBox1">
<br>
<br>
<input type="text" id="Text2" name="TextBox2">
<input type="button" name="clickbtn" value="square root" onclick="sq()" onclick="ceil()">
<br><br>
<input type="text" id="Text3" name="TextBox3">
<input type="button" name="clickbtn" value="ceiling" onclick="ceil()">
<br><br>
<input type="text" id="Text4" name="TextBox4">
<input type="button" name="clickbtn" value="flooring" onclick="floor()">
<br><br>
<input type="text" id="Text5" name="TextBox5">
<input type="button" name="clickbtn" value="absolute" onclick="abs()">
<br><br>
<input type="text" id="Text6" name="TextBox6">
<input type="button" name="clickbtn" value="rounding" onclick="round()"><br>
```

```
<br>
<script type="text/javascript">
function sq()
{
var first_number = parseInt(document.getElementById("Text1").value);
var r=Math.sqrt(first_number);
document.getElementById("Text2").value = parseFloat(r);
}

function ceil()
{
var first_number = parseInt(document.getElementById("Text1").value);
var s=Math.ceil(first_number);
document.getElementById("Text3").value = parseFloat(s);
}

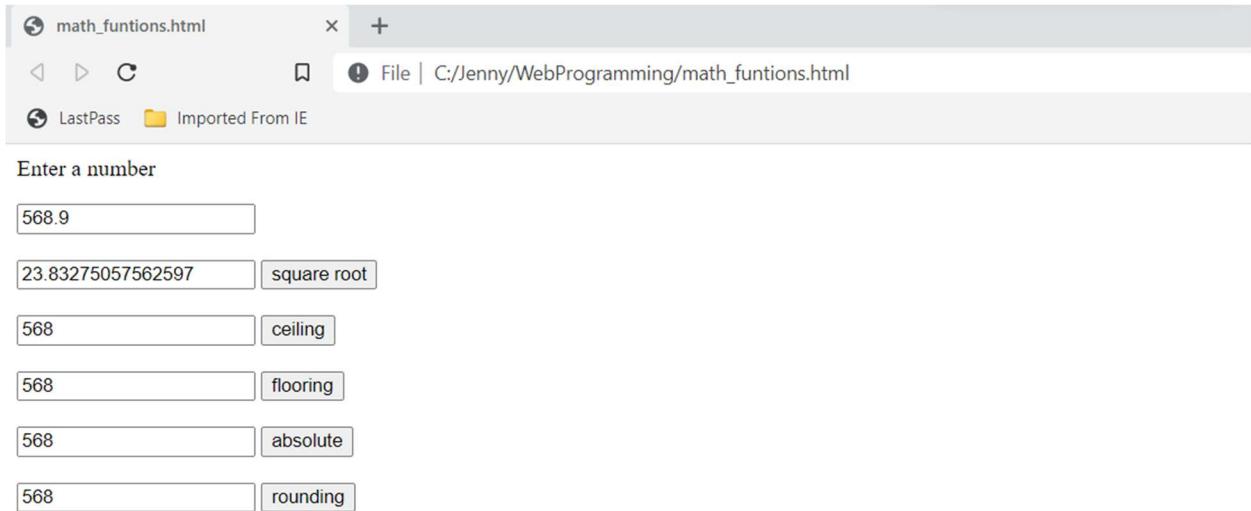
function floor()
{
var first_number = parseInt(document.getElementById("Text1").value);
var a=Math.floor(first_number);
document.getElementById("Text4").value = parseFloat(a);
}

function abs()
{
var first_number = parseInt(document.getElementById("Text1").value);
var b=Math.abs(first_number);
document.getElementById("Text5").value = parseFloat(b);
}

function round()
```

```
var first_number = parseInt(document.getElementById("Text1").value);
var c=Math.round(first_number);
document.getElementById("Text6").value = parseFloat(c);
}
</script>
</body>
</html>
```

Output Screenshot



Result

The program was executed and the result was successfully obtained. Thus, CO₂ was obtained.

Experiment No.: 7

Aim

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

CO2

Learn and design client-side validation using scripting languages.

Procedure

```
<html>

<h1> Calender </h1>

<body>

<label> Year: </label>

<input type="text" id ="year">

<label> Month: </label>

<input type="text" id="month">

<input type="button" id="demo" value="Generate Calender" onclick="cal()"></td>

<div id="cal">

</div>

</body>

<script>

function cal()

{

var init_cal=<table BORDER=2
id='calender'><tr><th>SUNDAY</th><th>MONDAY</th><th>TUESDAY</th><th>WEDNE
SDAY</th><th>THRUSDAY</th><th>FRIDAY</th><th>SATURDAY</th></tr><tr>">

var year=document.getElementById("year").value;
```

```
var month=document.getElementById("month").value;  
month=month-1;  
var date= new Date(year,month);  
var day= date.getDay();  
for (var i = 0; i < day; i++)  
{  
init_cal+="<td></td>";  
}  
  
while (date.getMonth() == month)  
{  
if (date.getDay()==0||date.getDay()==6)  
init_cal+="<td>" +date.getDate() +"</td>";  
else  
init_cal+="<td>" +date.getDate() +"</td>";  
if (date.getDay() == 6)  
{  
init_cal+="</tr><tr>";  
}  
date.setDate(date.getDate()+1);  
}  
init_cal+="</table>"  
  
document.getElementById("cal").innerHTML=init_cal;  
}
```

```
</script>
```

```
</html>
```

Output Screenshot



Calender

| Year: 2023 | | Month: 2 | | | | | Generate Calender |
|------------|--------|----------|-----------|----------|--------|----------|-------------------|
| SUNDAY | MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY | SATURDAY | |
| | | | 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 | | | | | |

Result

The program was executed and the result was successfully obtained. Thus, CO2 was obtained

Experiment No.: 8

Aim

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

CO2

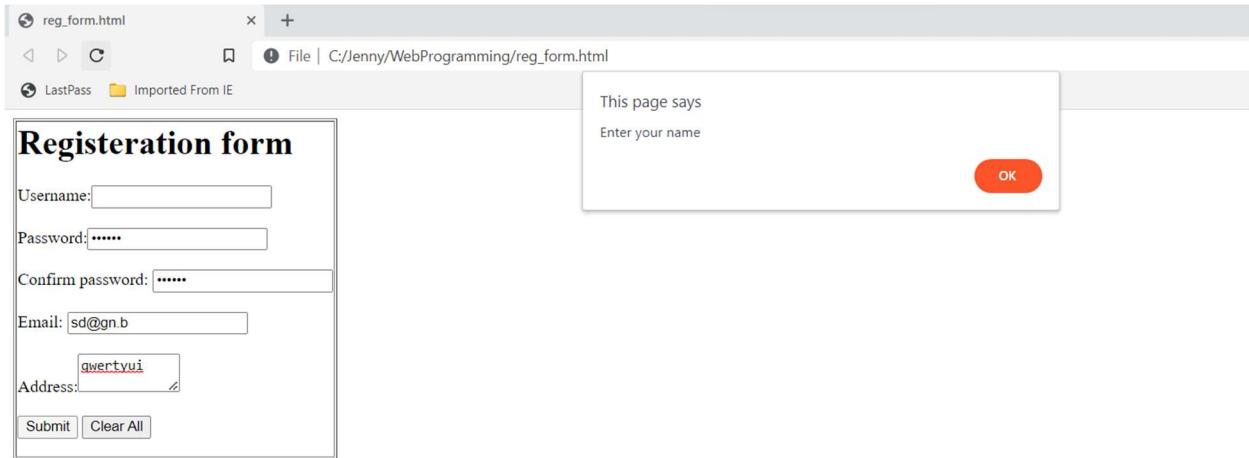
Learn and design client-side validation using scripting languages.

Procedure

```
<html>
<head>
<script type="text/javascript">
function validation(inputText)
{
if(document.getElementById("t1").value == "")
alert("Enter your name");
else if(document.getElementById("t2").value == "")
alert("Enter a password");
else if(document.getElementById("t2").value != document.getElementById("t3").value)
alert("Enter correct password");
else if(document.getElementById("t4").value == "")
alert("Enter your e-mail");
else if(document.getElementById("t5").value == "")
alert("Enter your address");
else
alert("Form has been submitted");
}
</script>
</head>
<body>
```

```
<table border = "1">
<tr>
<td>
<h1>Registration form</h1>
<form name="form">
Username:<input type="text" id="t1"><br><br>
Password:<input type="password" id="t2"><br><br>
Confirm password:&nbsp;<input type="password" id="t3"><br><br>
Email: <input type="text" id="t4"><br><br>
Address:<textarea rows="2" cols="10" id="t5"></textarea><br><br>
<input type="button" value="Submit" onclick="validation(document.form.t5.value)">
<input type="reset" value="Clear All">
</form>
</td>
</tr>
</table>
</body>
</html>
```

Output Screenshot



Result

The program was executed and the result was successfully obtained. Thus, CO₂ was obtained

Experiment No.: 9

Aim

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

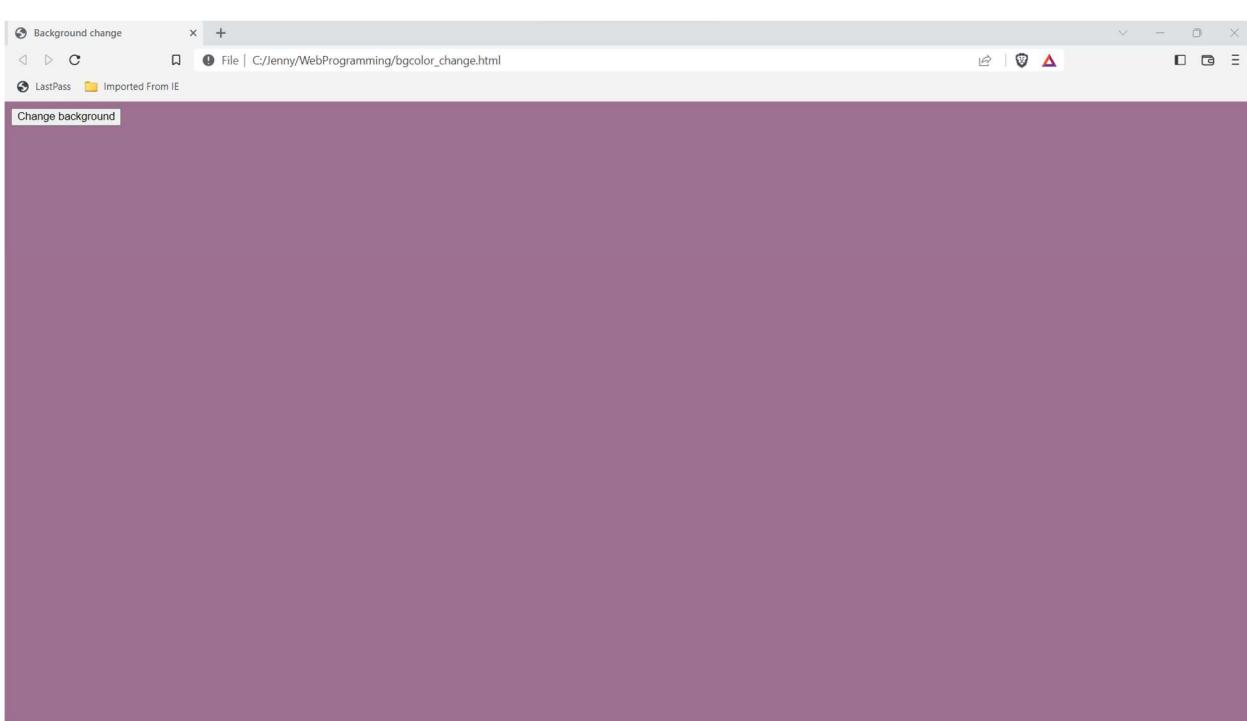
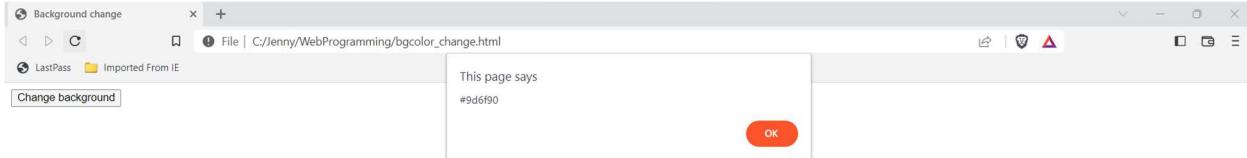
CO2

Learn and design client-side validation using scripting languages.

Procedure

```
<html>
<head>
<title>Background change</title>
</head>
<body>
<input id="btn" type="button" value="Change background" onclick="colorchange()">
<script>
function colorchange()
{
    var color = '#' + Math.random().toString(16).slice(2,8);
    alert(color);
    document.body.style.background = color;
}
</script>
</body>
</html>
```

Output Screenshot



Result

The program was executed and the result was successfully obtained. Thus, CO₂ was obtained

Experiment 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.

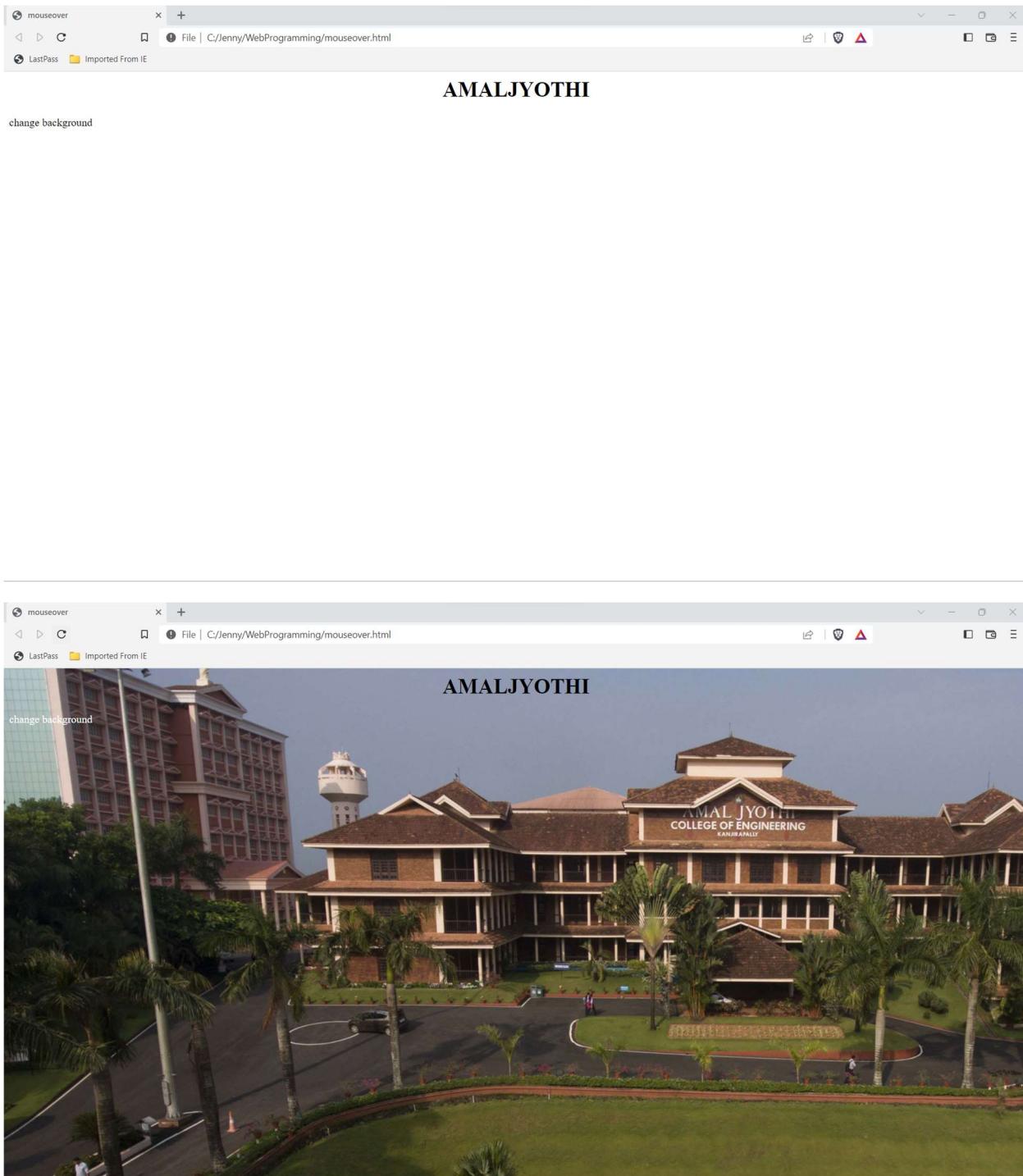
CO2

Learn and design client-side validation using scripting languages.

Procedure

```
<html>
<head>
<title>mouseover</title>
</head>
<body>
<h1 align="center">AMALJYOTHI</h1>
<p id="p1">change background</p>
<script>
document.getElementById("p1").addEventListener("mouseover", fun1);
function fun1()
{
document.body.style.backgroundImage="url('https://www.ajce.in/mt/images/slider_01.jpg')";
document.getElementById("p1").style.color="white";
}
</script>
</body>
</html>
```

Output Screenshot



Result

The program was executed and the result was successfully obtained. Thus, CO₂ was obtained.

Experiment No.: 11

Aim

Create a HTML page to show online exam using JavaScript.

CO2

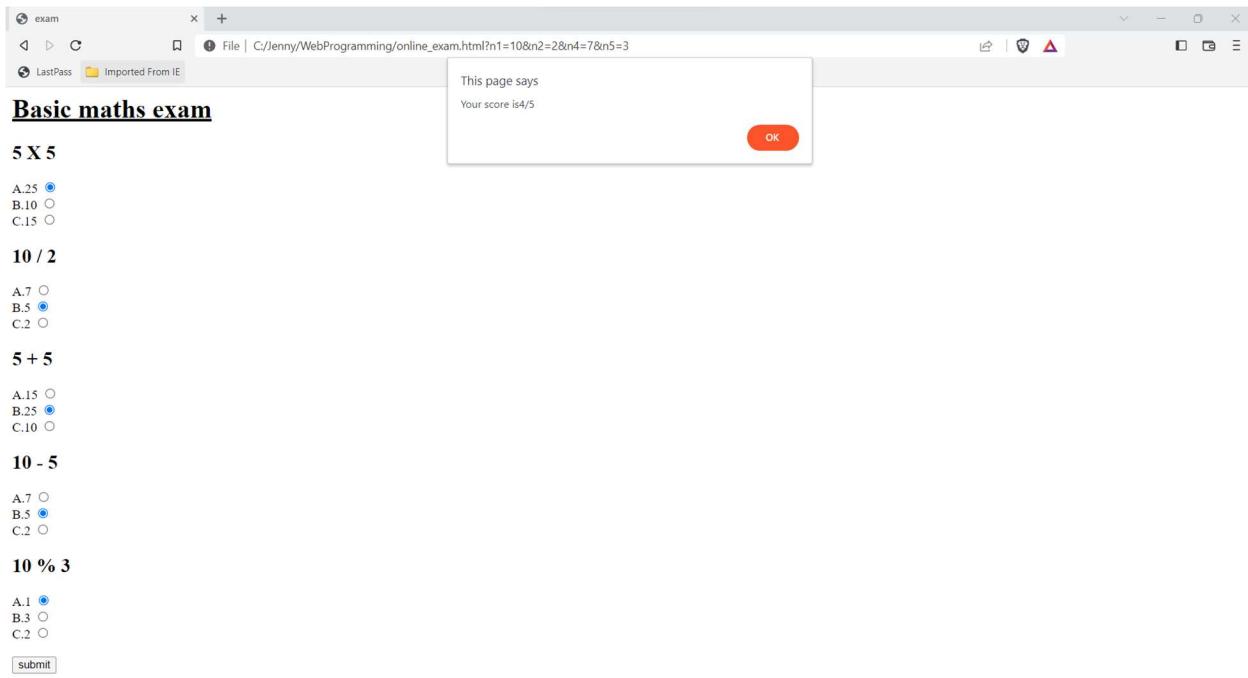
Learn and design client-side validation using scripting languages.

Procedure

```
<html>
<head><title>exam</title>
<script>
var i=0;
function exam()
{
if(document.f1.n1[0].checked)
i=i+1;
if(document.f1.n2[1].checked)
i=i+1;
if(document.f1.n3[2].checked)
i=i+1;
if(document.f1.n4[1].checked)
i=i+1;
if(document.f1.n5[0].checked)
i=i+1;
alert("Your score is"+i+"/5");
}
</script>
</head>
<body>
```

```
<form name="f1">  
<h1><u> Basic maths exam</u></h1>  
<h2>5 X 5</h2>  
A.25 <input type="radio" id="numb" name="n1" value="25"><br>  
B.10 <input type="radio" id="numb" name="n1" value="10"><br>  
C.15 <input type="radio" id="numb" name="n1" value="15">  
<h2>10 / 2</h2>  
A.7 <input type="radio" id="numb1" name="n2" value="7"><br>  
B.5 <input type="radio" id="numb1" name="n2" value="5"><br>  
C.2 <input type="radio" id="numb1" name="n2" value="2">  
<h2>5 + 5</h2>  
A.15 <input type="radio" id="numb2" name="n3" value="15"><br>  
B.25 <input type="radio" id="numb2" name="n3" value="25"><br>  
C.10 <input type="radio" id="numb2" name="n3" value="10">  
<h2>10 - 5</h2>  
A.7 <input type="radio" id="numb3" name="n4" value="7"><br>  
B.5 <input type="radio" id="numb3" name="n4" value="5"><br>  
C.2 <input type="radio" id="numb3" name="n4" value="2">  
<h2>10 % 3</h2>  
A.1 <input type="radio" id="numb4" name="n5" value="1"><br>  
B.3 <input type="radio" id="numb4" name="n5" value="3"><br>  
C.2 <input type="radio" id="numb4" name="n5" value="2">  
<br><br><input type="submit" value="submit" onclick="exam()">  
</body>  
</html>
```

Output Screenshot



Result

The program was executed and the result was successfully obtained. Thus, CO₂ was obtained

Experiment 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.

CO3

Design front end web page and connect to the back-end databases.

Procedure

dbase.php

```
<?php
$db=mysqli_connect("localhost","root","","crud");
?>
```

form.php

```
<?php
include('dbase.php');
if(isset($_POST["submit"]))
{
    $name=$_POST["name"];
    $email=$_POST["email"];
    $contact=$_POST["contact"];

    $query="INSERT INTO `crudtable`(`name`, `email`, `contact`) VALUES
    ('$name','$email','$contact')";

    if(mysqli_query($db, $query))
    {
        header('location:view.php');
```

```
}

else
{
    echo mysqli_error($db);
}

?>

<form method="POST">

Name <input type="text" name="name">
<br><br>Email <input type="email" name="email">
<br><br>Contact <input type="text" name="contact">
<br><input type="submit" name="submit" value="submit">
</form>
```

view.php

```
<?php
include('dbase.php');
?>

<table border='1'>
<h2>Table Content</h2>
<tr>
    <th>Id</th>
    <th>Name</th>
    <th>Email</th>
    <th>Contact</th>
    <th>Action</th>
```

```
</tr>
<?php

$sql="SELECT * FROM `crudtable`";

$result=$db->query($sql);

if($result->num_rows>0)

{

    while($row=$result->fetch_assoc())

    {

        ?>

        <tr>

        <td><?php echo $row['id'];?></td>

        <td><?php echo $row['name'];?></td>

        <td><?php echo $row['email'];?></td>

        <td><?php echo $row['contact'];?></td>

        <td>

            <a href="edit.php">Edit</a>

            <a href="delete.php">Delete</a></td>

        </tr>

        <?php

    }

}

?>

</table>
```

Output Screenshot

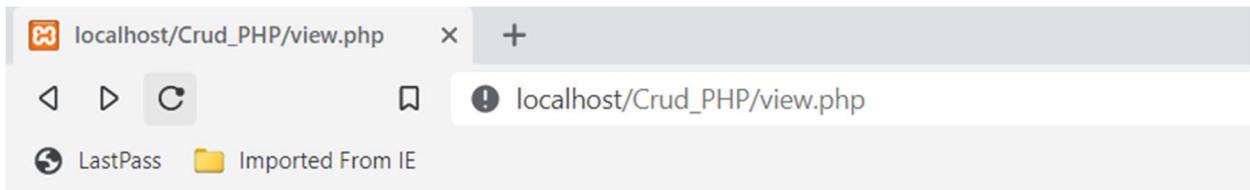


Table Content

| Id | Name | Email | Contact | Action |
|-----------|-------------|-----------------|----------------|---|
| 1 | j | j@gmail.com | 123456 | Edit Delete |
| 3 | je | je@gmail.com | 1234567 | Edit Delete |
| 4 | jenny | jenny@gmail.com | 1234567 | Edit Delete |

Result

The program was executed and the result was successfully obtained. Thus, CO3 was obtained

Experiment No.: 13

Aim

Outline a registration form using PHP and do necessary validations.

CO4

Do Client-side & Server-side scripting

Procedure

```
<html>
<body>
<h1>Registration form</h1>
<table border="2">
<form action = "" method = "POST">
<tr><td>
Username : <input type="text" name="username"><br> <br>
Email : <input type="text" name="email"><br> <br>
Password : <input type="text" name="pass"><br> <br>
Confirm password : <input type="text" name="cpass"><br> <br>
<input type="submit" value="Register"></td></tr>
<?php
if (empty($_POST['username']) ||
empty($_POST['pass']) ||
empty($_POST['email']) ||
empty($_POST['cpass']))
{
die("Please fill all required fields!");
}
if ($_POST['pass'] != $_POST['cpass'])
{
```

```
die ('Password and confirm password should match');

}

else

{

die("successfull");

}

?>

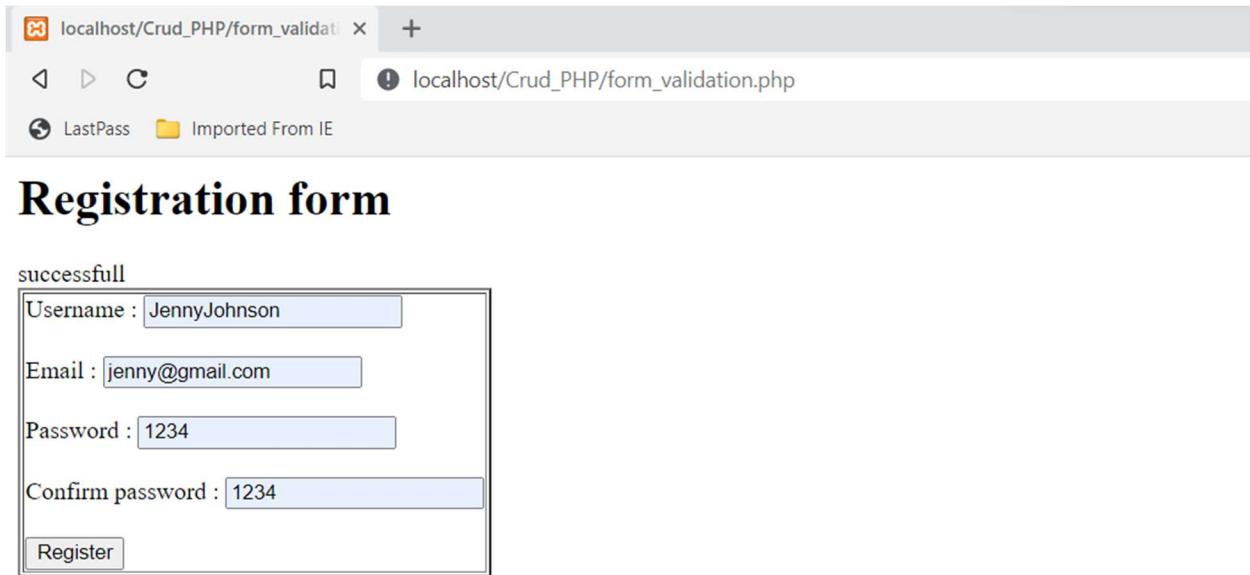
</form>

</table>

</body>

</html>
```

Output Screenshot



localhost/Crud_PHP/form_validation.php

>Password and confirm password should match

Username :

Email :

Password :

Confirm password :

Result

The program was executed and the result was successfully obtained. Thus, CO4 was obtained

Experiment No.: 14

Aim

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

CO4

Do Client-side & Server-side scripting

Procedure

```
<html>
<head>
    <title>Electricity Bill</title>
</head>
<?php
$result_str = $result = "";
if (isset($_POST['unit-submit'])) {
    $units = $_POST['units'];
    if (!empty($units)) {
        $result = calculate_bill($units);
        $result_str = 'Total amount for ' . $units . ' unit is ' . $result;
    }
}
/***
 * To calculate electricity bill as per unit cost
 */
function calculate_bill($units) {
    $unit_cost_first = 3.50;
    $unit_cost_second = 4.00;
    $unit_cost_third = 5.20;
    $unit_cost_fourth = 6.50;
```

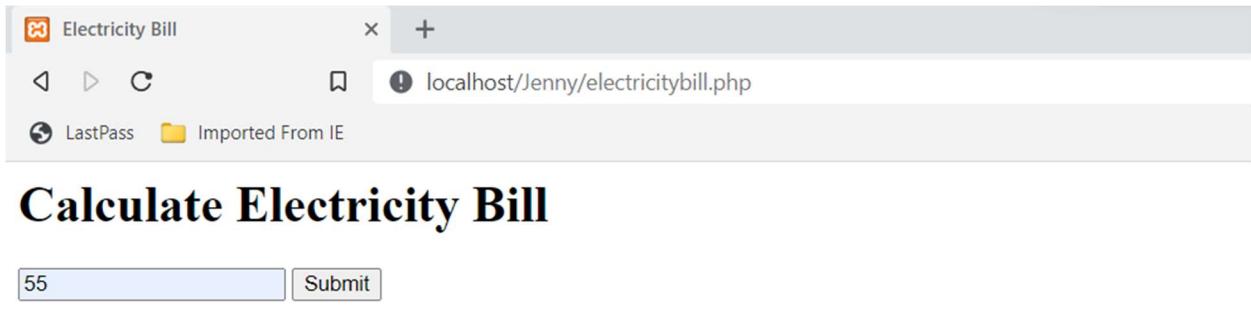
```
if($units <= 50)
{
    $bill = $units * $unit_cost_first;
}
else if($units > 50 && $units <= 100) {
    $temp = 50 * $unit_cost_first;
    $remaining_units = $units - 50;
    $bill = $temp + ($remaining_units * $unit_cost_second);
}
else if($units > 100 && $units <= 200) {
    $temp = (50 * 3.5) + (100 * $unit_cost_second);
    $remaining_units = $units - 150;
    $bill = $temp + ($remaining_units * $unit_cost_third);
}
else {
    $temp = (50 * 3.5) + (100 * $unit_cost_second) + (100 * $unit_cost_third);
    $remaining_units = $units - 250;
    $bill = $temp + ($remaining_units * $unit_cost_fourth);
}
return number_format((float)$bill, 2, '.', ',');
?>
<body>
    <div id="page-wrap">
        <h1>Calculate Electricity Bill</h1>

        <form action="" method="post" id="quiz-form">
            <input type="text" name="units" id="units" placeholder="Please enter no. of Units" />

```

```
<input type="submit" name="unit-submit" id="unit-submit" value="Submit" />  
</form>  
<div>  
    <?php echo '<br />' . $result_str; ?>  
</div>  
</div>  
</body>  
</html>
```

Output Screenshot



Result

The program was executed and the result was successfully obtained. Thus, CO4 was obtained.

Experiment 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.

CO4

Do Client-side & Server-side scripting

Procedure

```
<?php

$name = array("sara","riya","tinu","alfiya");
print_r($name);
sort($name);
$clength=count($name);
echo "<br>". "Sorted". "<br>";
for($x=0;$x<$clength;$x++)
{
echo $name[$x]."<br>";
}
$age=array("sara"=>"20","riya"=>"19","tinu"=>"22","alfiya"=>"21");
asort($age);
echo "Sorted using age in descending order". "<br>";
foreach($age as $x => $x_values)
{
echo $x."<br>";
}
$age=array("sara"=>"10","riya"=>"11","tinu"=>"12","alfiya"=>"13");
```

```
arsort($age);
echo "Array values"."<br>";
foreach($age as $x => $x_values)
{
    echo $x." value=". $x_values."<br>";
}
?>
```

Output Screenshot

```
Array ( [0] => sara [1] => riya [2] => tinu [3] => alfiya )
Sorted
alfiya
riya
sara
tinu
Sorted using values in descending order
riya
sara
alfiya
tinu
Array values
alfiya value=13
tinu value=12
riya value=11
sara value=10
```

Result

The program was executed and the result was successfully obtained. Thus, CO4 was obtained.

Experiment No.: 16

Aim

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

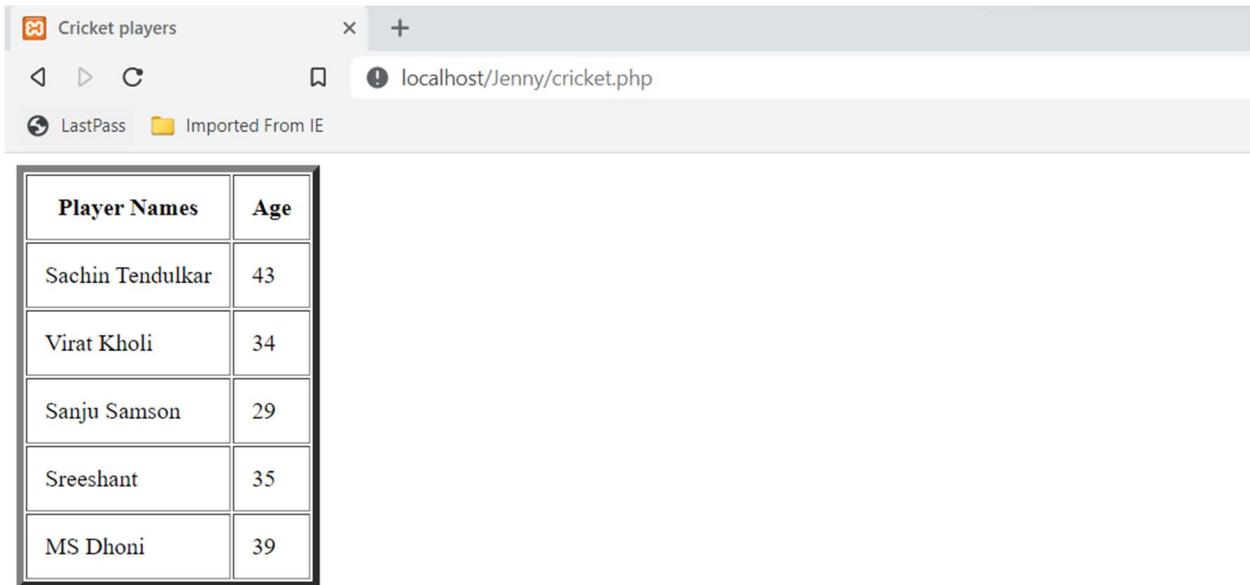
CO4

Do Client-side & Server-side scripting

Procedure

```
<?php  
$players = array("Sachin Tendulkar","Virat Kohli","Sanju Samson","Sreesanth","MS Dhoni");  
$age = array("43","34","29","35","39")  
?>  
<html>  
  <head><title>Cricket players</title></head>  
  <body>  
    <table border="5" cellpadding="12">  
      <tr><th>Player Names</th><th>Age</th></tr>  
      <tr><td><?php echo($players[0]); ?></td> <td><?php echo($age[0]); ?></td></tr>  
      <tr><td><?php echo($players[1]); ?></td> <td><?php echo($age[1]); ?></td></tr>  
      <tr><td><?php echo($players[2]); ?></td> <td><?php echo($age[2]); ?></td></tr>  
      <tr><td><?php echo($players[3]); ?></td> <td><?php echo($age[3]); ?></td></tr>  
      <tr><td><?php echo($players[4]); ?></td> <td><?php echo($age[4]); ?></td></tr>  
    </table>  
  </body>  
</html>
```

Output Screenshot



A screenshot of a Microsoft Internet Explorer browser window. The title bar says "Cricket players". The address bar shows "localhost/Jenny/cricket.php". Below the address bar are icons for LastPass and Imported From IE. The main content area displays a table with two columns: "Player Names" and "Age". The table has six rows, each containing a player's name and their age. The data is as follows:

| Player Names | Age |
|------------------|-----|
| Sachin Tendulkar | 43 |
| Virat Kohli | 34 |
| Sanju Samson | 29 |
| Sreesanth | 35 |
| MS Dhoni | 39 |

Result

The program was executed and the result was successfully obtained. Thus, CO4 was obtained.

Experiment No.: 17

Aim

Develop Web applications using HTML and PHP.

CO5

Develop Web Applications.

Procedure

Form.php

```
<?php
include('dbase.php');
if(isset($_POST["submit"]))
{
    $name=$_POST["name"];
    $email=$_POST["email"];
    $contact=$_POST["contact"];

    $query="INSERT INTO `crudtable`(`name`, `email`, `contact`) VALUES
    ('$name','$email','$contact')";
    if(mysqli_query($db, $query))
    {
        header('location:view.php');
    }
    else
    {
        echo mysqli_error($db);
    }
}
```

```
?>

<form method="POST">

Name <input type="text" name="name">

<br><br>Email <input type="email" name="email">

<br><br>Contact <input type="text" name="contact">

<br><input type="submit" name="submit" value="submit">

</form>
```

View.php

```
<?php

include('dbase.php');

?>

<table border='1'>

<h2>Table Content</h2>

<tr>

<th>Id</th>

<th>Name</th>

<th>Email</th>

<th>Contact</th>

<th>Action</th>

</tr>

<?php

$sql="SELECT * FROM `crudtable`";

$result=$db->query($sql);

if($result->num_rows>0)

{

while($row=$result->fetch_assoc())
```

```

{
    $id=$row['id'];

    ?>

    <tr>
        <td><?php echo $row['id'];?></td>
        <td><?php echo $row['name'];?></td>
        <td><?php echo $row['email'];?></td>
        <td><?php echo $row['contact'];?></td>
        <td>
            <a href="edit.php?id=<?php echo $id; ?>">Edit</a>
            <a href="delete.php?id=<?php echo $id; ?>">Delete</a></td>
        </tr>
    <?php
}
}

?>

</table>

```

Edit.php

```

<?php
include('dbase.php');

$id=$_GET['id'];
$sql="SELECT * FROM `crudtable` where id=$id";
$result=$db->query($sql);
if($result->num_rows>0)
{
    while($row=$result->fetch_assoc())
    {

```

```
$name=$row['name'];
$email=$row['email'];
$contact=$row['contact'];

}

?

<html>
<head>
    <title>EDIT</title>
</head>
<body>
<form method="POST">
Name <input type="text" name="name" value="<?php echo $name; ?>">
<br><br>Email <input type="email" name="email" value="<?php echo $email; ?>">
<br><br>Contact <input type="text" name="contact" value="<?php echo $contact; ?>">
<br><input type="submit" name="update" value="Update">
</form>
</body>
</html>
<?php
if(isset($_POST['update']))
{
    $name=$_POST['name'];
    $email=$_POST['email'];

    $contact=$_POST['contact'];
}
```

```
$qry="update crudtable set name='$name', email='$email', contact='$contact' where id=$id";  
  
if(mysqli_query($db,$qry))  
{  
    header('location:view.php');  
  
}  
else  
{  
    echo mysqli_error($db);  
  
}  
?  
?>
```

delete.php

```
<?php  
include('dbase.php');  
$id=$_GET['id'];  
$qry="delete from crudtable where id=$id";  
if(mysqli_query($db,$qry))  
{  
    header('location:view.php');  
}  
  
else  
{
```

```
echo mysqli_error($db);  
}
```

Output Screenshot

Form.php

The screenshot shows a web browser window with the URL `localhost/Crud_PHP/form.php`. The page contains a form with three input fields: Name (Jenny), Email (jennyj@gmail.com), and Contact (98765). A submit button is also present. The browser interface includes standard navigation buttons (back, forward, search) and a tab bar.

View.php

The screenshot shows a web browser window with the URL `localhost/Crud_PHP/view.php`. The page displays a table with five rows of data. The columns are labeled Id, Name, Email, Contact, and Action. Each row contains a set of values and two links under the Action column: 'Edit' and 'Delete'. The browser interface includes standard navigation buttons and a tab bar.

Table Content

| Id | Name | Email | Contact | Action |
|-----------|-------------|------------------|----------------|---|
| 3 | jen | je@gmail.com | 1234 | Edit Delete |
| 4 | jenny | jenny@gmail.com | 1234567 | Edit Delete |
| 5 | riya | riya@gmail.com | riya123 | Edit Delete |
| 6 | Jennyj | jennyj@gmail.com | 98765 | Edit Delete |

Edit.php

EDIT

localhost/Crud_PHP/edit.php?id=5

LastPass Imported From IE

Name

Email

Contact

Delete.php

localhost/Crud_PHP/view.php

LastPass Imported From IE

Table Content

| Id | Name | Email | Contact | Action |
|-----------|-------------|-----------------|----------------|---|
| 3 | jen | je@gmail.com | 1234 | Edit Delete |
| 4 | jenny | jenny@gmail.com | 1234567 | Edit Delete |
| 5 | jenz | jenz@gmail.com | 123 | Edit Delete |

Result

The program was executed and the result was successfully obtained. Thus, CO5 was obtained.

Experiment No.: 18**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 results with proper headings.

CO5

Develop Web Applications

ProcedureForm.php

```
<?php
include('dbase.php');
if(isset($_POST["submit"]))
{
    $accno=$_POST["accno"];
    $title=$_POST["title"];
    $author=$_POST["author"];
    $edition=$_POST["edition"];
    $publisher=$_POST["publisher"];

    $query= "INSERT INTO `booktable` (`accno`, `title`, `author`, `edition`, `publisher`)
VALUES ('$accno','$title','$author','$edition','$publisher')";

    if(mysqli_query($db, $query))
    {
        header('location:view.php');
    }
    else
    {
}
```

```
echo mysqli_error($db);

}

?

?>

<form method="POST">

    <h3> ADD BOOK</h3>

    AccessionNo <input type="text" name="accno">

    <br><br>Title <input type="text" name="title">

    <br><br>Author <input type="text" name="author">

    <br><br>Edition <input type="text" name="edition">

    <br><br>Publisher <input type="text" name="publisher">

    <br><input type="submit" name="submit" value="submit">

    <a href="search.php">Search book?</a>

</form>
```

View.php

```
<?php

include('dbase.php');

?>

<table border='1'>

    <h2>Table Content</h2>

    <tr>

        <th>Id</th>

        <th>AccessionNo</th>

        <th>Title</th>

        <th>Author</th>

        <th>Edition</th>
```

```

<th>Publisher</th>
</tr>
<?php
    $sql="SELECT * FROM `booktable`";
    $result=$db->query($sql);
    if($result->num_rows>0)
    {
        while($row=$result->fetch_assoc())
        {
            $id=$row['id'];
            ?>
            <tr>
            <td><?php echo $row['id'];?></td>
            <td><?php echo $row['accno'];?></td>
            <td><?php echo $row['title'];?></td>
            <td><?php echo $row['author'];?></td>
            <td><?php echo $row['edition'];?></td>
            <td><?php echo $row['publisher'];?></td>
            </tr>
            <?php
        }
    }
?>
</table>

```

Search.php

```
<?php
```

```
include('dbase.php');
if(isset($_POST['submit']))
{
$tit=$_POST['title'];
$qry="SELECT * FROM `book` WHERE `title`='$tit'";
$result=$db->query($qry);
if($is_query_run=mysqli_query($db, $qry))
{
while($row=$result->fetch_assoc($is_query_run))
{
$id=$row['id'];
$accno=$row['accno'];
$title=$row['title'];
$author=$row['author'];
$edition=$row['edition'];
$publisher=$row['publisher'];

?>
<table border="2">
<tr>
<td>ID</td>
<td>Accessionno</td>
<td>Title</td>
<td>Author</td>
<td>Edition</td>
<td>Publisher</td>
</tr>
<tr>
```

```
<td><?php echo $row["id"];?></td>
<td><?php echo $row["accno"];?></td>
<td><?php echo $row["title"];?></td>
<td><?php echo $row["author"];?></td>
<td><?php echo $row["edition"];?></td>
<td><?php echo $row["publisher"];?></td></tr></table>

<?php }
} $db->close();
}
?>

<html>
<head>
<title>Book search</title>
</head>
<body>
<form method="POST" action="#">
<label>Enter the title</label>
<input type="text" name="title">
<input type="submit" name="submit" value="submit">
</form>
</body>
</html>
```

Output Screenshot

Form.php

The screenshot shows a web browser window with two tabs. The active tab is titled 'localhost/book/form.php'. The page content is titled 'ADD BOOK' and contains the following form fields:

- AccessionNo: 453
- Title: C programming
- Author: Balaguruswami
- Edition: 3
- Publisher: Penguin

At the bottom of the form are two buttons: 'submit' and 'Search book?'

View.php

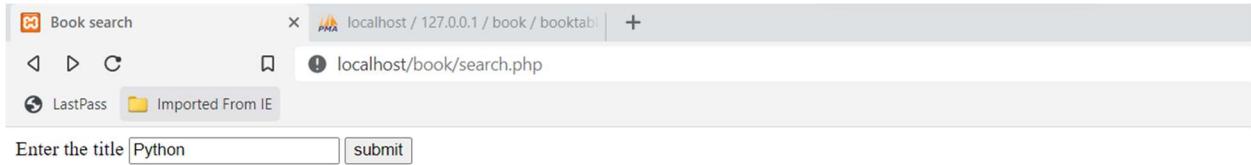
The screenshot shows a web browser window with two tabs. The active tab is titled 'localhost/book/view.php'. The page content displays the following table:

| Id | AccessionNo | Title | Author | Edition | Publisher |
|-----------|--------------------|-----------------|---------------|----------------|------------------|
| 1 | 123 | Python | Nelson | 2 | Mcgrawhill |
| 2 | 234 | Web Programming | Jacobson | 1 | Mcgrawhill |
| 3 | 23 | Data Structure | samanta | 1 | Mcgrawhill |
| 4 | 453 | C programming | Balaguruswami | 3 | Penguin |

Table Content

| Id | AccessionNo | Title | Author | Edition | Publisher |
|-----------|--------------------|-----------------|---------------|----------------|------------------|
| 1 | 123 | Python | Nelson | 2 | Mcgrawhill |
| 2 | 234 | Web Programming | Jacobson | 1 | Mcgrawhill |
| 3 | 23 | Data Structure | samanta | 1 | Mcgrawhill |
| 4 | 453 | C programming | Balaguruswami | 3 | Penguin |

Search.php



Result

The program was executed and the result was successfully obtained. Thus, CO5 was obtained.

Experiment No.: 19

Aim

Micro Project: PHP Crud Operations (Admin panel).

COs

CO1, CO2, CO3, CO4 and CO5

Procedure

Login.php

```
<?php
session_start();
include('includes/header.php');
?>
<div class="container">
<!-- Outer Row -->
<div class="row justify-content-center">
<div class="col-xl-6 col-lg-6 col-md-6">
<div class="card o-hidden border-0 shadow-lg my-5">
<div class="card-body p-0">
<!-- Nested Row within Card Body -->
<div class="row">
<div class="col-lg-12">
<div class="p-5">
<div class="text-center">
<h1 class="h4 text-gray-900 mb-4">Login Here!</h1>
<?php
if(isset($_SESSION['status'])) && $_SESSION['status'] !=")
```

```
{  
echo '<h2 class="bg-danger text-white">' . $_SESSION['status'] . '</h2>';  
unset($_SESSION['status']);  
}  
?  
</div>  
<form class="user" action="code.php" method="POST">  
<div class="form-group">  
    <input type="email" name="emaill" class="form-control form-control-user"  
placeholder="Enter Email Address...">  
    </div>  
<div class="form-group">  
    <input type="password" name="passwordd" class="form-control form-  
control-user" placeholder="Password">  
    </div>  
<button type="submit" name="login_btn" class="btn btn-primary btn-user btn-  
block">Login</button>  
<hr>  
</form>  
</div>  
</div>  
</div>  
</div>  
</div>  
</div>  
<?php  
include('includes/scripts.php');  
?>
```

Code.php

```
<?php
include('security.php');

$connection = mysqli_connect("localhost","root","","adminpanel");

if(isset($_POST['registerbtn']))
{
    $username = $_POST['username'];
    $email = $_POST['email'];
    $password = $_POST['password'];
    $cpassword = $_POST['confirmpassword'];
    $usertype = $_POST['usertype'];
    if($password === $cpassword)
    {
        $query = "INSERT INTO register (username,email,password,usertype) VALUES
        ('$username','$email','$password','$usertype')";
        $query_run = mysqli_query($connection, $query);

        if($query_run)
        {
            // echo "Saved";
            $_SESSION['status'] = "Admin Profile Added";
            $_SESSION['status_code'] = "success";
            header('Location: register.php');
        }
    }
}
```

```

$_SESSION['status'] = "Admin Profile Not Added";
$_SESSION['status_code'] = "error";
header('Location: register.php');

}

}

else

{
$_SESSION['status'] = "Password and Confirm Password Does Not Match";
$_SESSION['status_code'] = "warning";
header('Location: register.php');

}

}

if(isset($_POST['updatebtn']))
{
$id = $_POST['edit_id'];
$username = $_POST['edit_username'];
$email = $_POST['edit_email'];
$password = $_POST['edit_password'];
$usertypeupdate = $_POST['update_usertype'];

$query = "UPDATE register SET username='$username',email='$email',
password='$password', usertype='$usertypeupdate' WHERE id='$id' ";
$query_run = mysqli_query($connection,$query);

if($query_run)
{
$_SESSION['success'] = "Your data is updated";
header('location: register.php');
}

```

```
else
{
    $_SESSION['status'] = "Your data is not updated";
    header('location: register.php');
}

}

if(isset($_POST['delete_btn']))
{
    $id = $_POST['delete_id'];
    $query = "DELETE FROM register WHERE id='$id' ";
    $query_run = mysqli_query($connection, $query);
    if($query_run)
    {
        $_SESSION['success'] = "Your data is deleted";
        header("location: register.php");
    }
    else
    {
        $_SESSION['status'] = "Your data is not deleted";
        header("location: register.php");
    }
}
?>

<?php
include('security.php');
```

```
if(isset($_POST['login_btn']))  
{  
    $email_login = $_POST['emaill'];  
    $password_login = $_POST['passwordd'];  
  
    $query = "SELECT * FROM register WHERE email='$email_login' AND  
    password='$password_login"';  
    $query_run = mysqli_query($connection,$query);  
  
    if(mysqli_fetch_array($query_run))  
    {  
        $_SESSION['username'] = $email_login;  
        header('Location:index.php');  
    }  
    else  
    {  
        $_SESSION['status'] = "Invalid email or password";  
        header('Location:login.php');  
    }  
}  
  
?>
```

Output Screenshot

Login.php

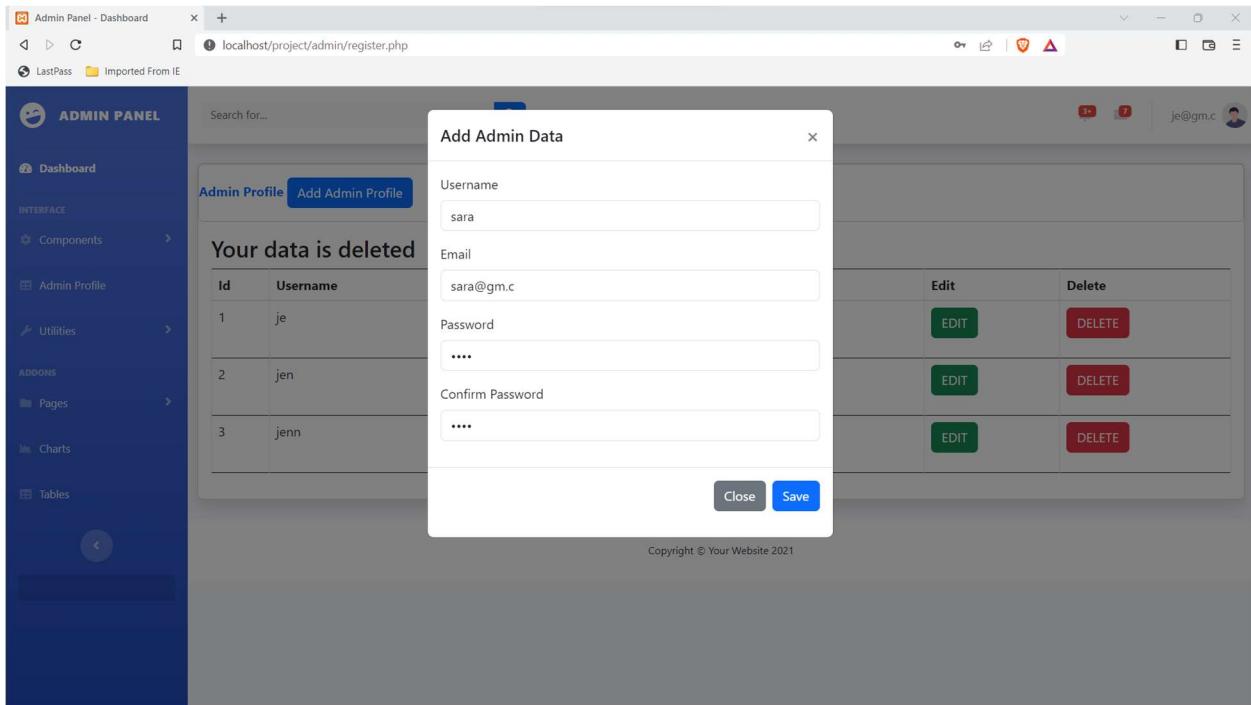
The screenshot shows a web browser window titled "Admin Panel - Dashboard". The address bar indicates the URL is "localhost/project/admin/login.php". The main content area displays a login form with the heading "Login Here!". It contains two input fields: one for "Email" containing "je@gm.c" and another for "Password" containing "....". Below the fields is a large blue "Login" button.

Register.php

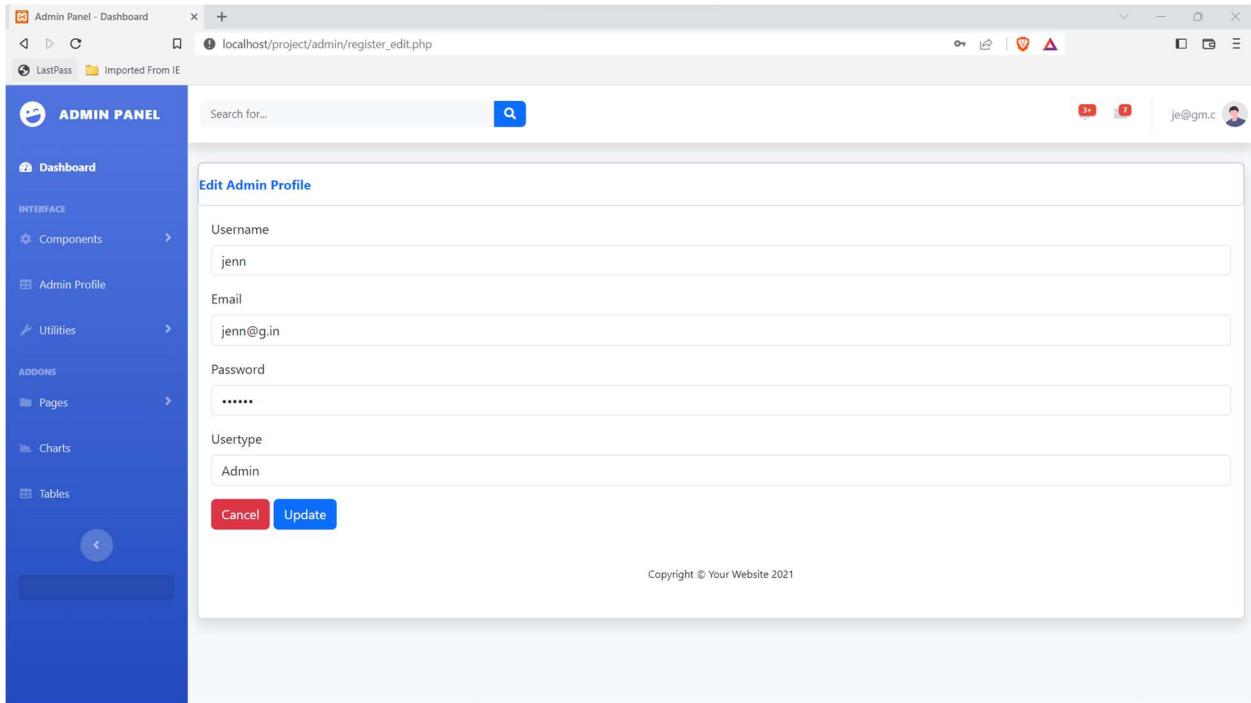
The screenshot shows a web browser window titled "Admin Panel - Dashboard". The address bar indicates the URL is "localhost/project/admin/register.php". The left sidebar has a blue navigation menu with sections like "Dashboard", "INTERFACE", "Components", "Admin Profile", "Utilities", "ADDONS", "Pages", "Charts", and "Tables". The main content area shows a table titled "Admin Profile" with a "Add Admin Profile" button. The table has columns: Id, Username, Email, Password, Usertype, Edit, and Delete. There are five rows of data:

| Id | Username | Email | Password | Usertype | Edit | Delete |
|----|----------|------------|----------|----------|-----------------------|-------------------------|
| 1 | je | je@gm.c | 1237 | admin | <button>EDIT</button> | <button>DELETE</button> |
| 2 | jen | jen@g.c | 12345 | admin | <button>EDIT</button> | <button>DELETE</button> |
| 3 | jenn | jenn@gc.in | qwerty | admin | <button>EDIT</button> | <button>DELETE</button> |
| 6 | jennnn | jenn@g.in | 123456 | admin | <button>EDIT</button> | <button>DELETE</button> |

At the bottom of the page, there is a copyright notice: "Copyright © Your Website 2021".



Register_edit.php



The screenshot shows a web-based admin panel titled "Admin Panel - Dashboard". The URL in the browser is "localhost/project/admin/register.php". The left sidebar has sections for "INTERFACE" (Dashboard, Components), "ADDONS" (Pages, Charts, Tables), and a "Logout" button. The main content area has a search bar and a message "Your data is deleted". Below it is a table with columns: Id, Username, Email, Password, Usertype, Edit, and Delete. The table contains three rows of data:

| Id | Username | Email | Password | Usertype | Edit | Delete |
|----|----------|------------|----------|----------|-----------------------|-------------------------|
| 1 | je | je@gm.c | 1237 | admin | <button>EDIT</button> | <button>DELETE</button> |
| 2 | jen | jen@g.c | 12345 | admin | <button>EDIT</button> | <button>DELETE</button> |
| 3 | jenn | jenn@gc.in | qwerty | admin | <button>EDIT</button> | <button>DELETE</button> |

At the bottom, there is a copyright notice: "Copyright © Your Website 2021".

Result

The program was executed and the result was successfully obtained. Thus, CO1, CO2, CO3, CO4 and CO5 was obtained.