

## **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> Home Page </title>
</head>
<body bgcolor="#ccffcc">
<center></center>
<center><h1 style="color:red"> AMAL JYOTHI COLLEGE OF ENGINEERING
</h1></center>
<h3>Master of Computer Applications.</h3>
<h2> <a href="http://www.ajce.in"> Link to AJCE</a> </h2>
<OL> <b><u>THEORY</u></b>
<LI> Digital Fundamentals </LI>
<LI> Advanced Data Structure </LI>
<LI> Mathematical Foundation </LI>
<LI> Advanced Software Engineering </LI>
</OL>
<UL> <b><u>LAB</u></b>
<LI> Programming </LI>
```

```
<LI> Data Structure </LI>
<LI> Web Programming</LI>
</UL>
<DL> <b><u>MCA S1</u></b>
<DT> COURSE SCHEDULE </DT>
<DD> Monday to Friday Time Table(08:45 AM to 04:00 PM) </DD> <br>
</DL>
<style>
table, th, td {
border: 2px solid black;
border-collapse: collapse;
}
</style>
<table align="center">
<caption> COURSE SCHEDULE MCA S1 </caption>
<tr>
<th> Day</th>
<th> 1</th>
<th> 2</th>
<th> 3</th>
<th> 4</th>
<th> 5</th>
<th> 6</th>
</tr>
<tr>
<td align="centre">Monday</td>
<td>20MCA103 </td>
<td>20MCA105 </td>
<td align="center" colspan="2">20MCA131 </td>
```

```
<td>20MCA107 </td>
<td>20MCA101 </td>
</tr>
<tr>
<td>Tuesday</td>
<td align="center" colspan="4">20MCA135 </td>
<td>20MCA103 </td>
<td>20MCANC1 </td>
</tr>
<tr>
<td>Wednesday</td>
<td>20MCA101 </td>
<td>20MCA103 </td>
<td align="center" colspan="2">20MCA133 </td>
<td>20MCA105 </td>
<td align="center"> O100 </td>
</tr>
<tr>
<td>Thursday</td>
<td>20MCA105 </td>
<td>20MCA107 </td>
<td>20MCA101 </td>
<td>20MCA107 </td>
<td align="center" colspan="2">20MCA133 </td>
</tr>
<tr>
<td>Friday</td>
<td align="center" colspan="2">20MCA131 </td>
<td>20MCA105 </td>
```

---

```

<td>20MCA103 </td>
<td>20MCA101 </td>
<td>20MCA107 </td>
</tr>
</table>
</body>
</html>

```

## Output Screenshot

Master of Computer Applications.

[Link to AJCE](#)

**THEORY**

- Digital Fundamentals
- Advanced Data Structure
- Mathematical Foundation
- Advanced Software Engineering

**LAB**

- Programming
- Data Structure
- Web Programming

**MCA S1**  
COURSE SCHEDULE  
Monday to Friday Time Table(08:45 AM to 04:00 PM)

Day	1	2	3	4	5	6
Monday	20MCA103	20MCA105	20MCA131	20MCA107	20MCA101	
Tuesday		20MCA135		20MCA103	20MCANC1	
Wednesday	20MCA101	20MCA103	20MCA133	20MCA105	O100	
Thursday	20MCA105	20MCA107	20MCA101	20MCA107		20MCA133
Friday	20MCA131	20MCA105	20MCA103	20MCA101	20MCA107	

## 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.

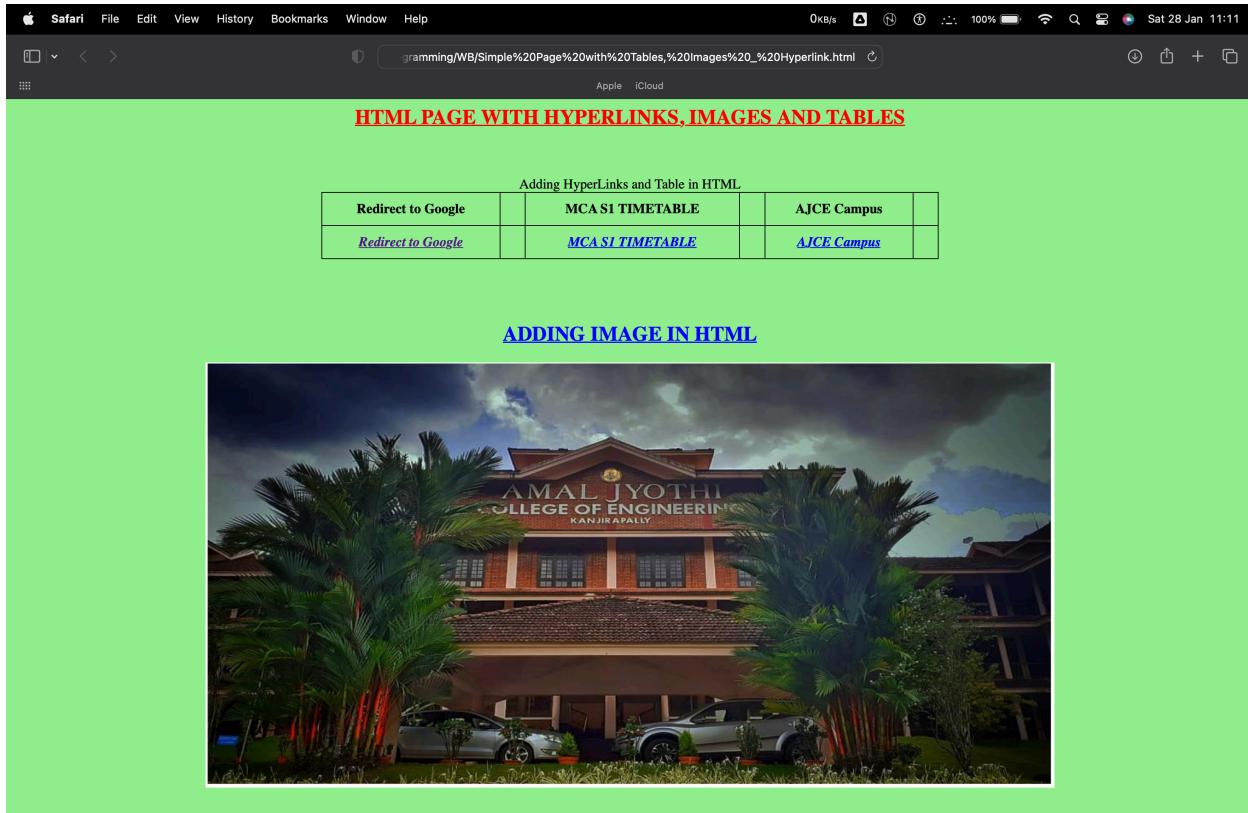
### **Procedure**

```
<html>
<body bgcolor="lightgreen">
<style>
table, th, td {
    border: 1px solid black;
    border-collapse: collapse;
}
</style>
<h2 style="color:red;" align="center"><u>HTML PAGE WITH HYPERLINKS, IMAGES AND TABLES</u></h2><br><br>
<table cellpadding="10" style="width:50%" align="center">
<caption align="center">Adding HyperLinks and Table in HTML</caption>
<tr>
<th>Redirect to Google</th>
<th>MCA S1 TIMETABLE</th>
<th>AJCE Campus</th>
</tr>
<tr>
<th><a href="https://www.google.co.in/"> <i>Redirect to Google </i> </a></th>
<th><a href="file:///C:/Users/Amalt/Documents/table.html"><i> MCA S1 TIMETABLE </i></a></th>
<th><a href="https://i.ytimg.com/vi/lI0UzD0jZdY/maxresdefault.jpg"> <i>AJCE Campus</i> </a></th>
</tr>
</table><br><br><br>
<h2 style="color:blue;" align="center"><u>ADDING IMAGE IN HTML</u></h2>
```

---

```
<center></center>  
</body>  
</html>
```

## **Output Screenshot**



## **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**

#### **Mixed Frame**

```
<html>
<head>
<title>Mixed Frames</title>
</head>
<frameset cols="33.33%,33.33%,33.33%">
<frame name="top" src="http://www.kvvscst.org">
<frame name="main" src="http://www.santhigiricollege.com">
<frameset rows="50%,50%">
<frame name="top" src="https://www.nsscky.ac.in/" />
<frame name="main" src="https://gectcr.ac.in/ " />
</frameset>
<noframes>
<body>Your browser does not support frames.</body>
</noframes>
</frameset>
</html>
```

#### **Floating Frame**

```
<html>
<body>
<center>
<h2>Floating Frame</h2><br>
<iframe src="https://saps.ac.in" width="800px" height="500px"></iframe>
</center>
</body>
</html>
```

**Navigation Frames**

```
<html>
<head>
<title>HTML Target Frames</title>
</head>
<frameset cols="20%, *">
<frame src="3-navi_menu.html" name="menu_page" />
<frame src="3-navi_body.html" name="main_page" />
<noframes>
<body>Your browser does not support frames.</body>
</noframes>
</frameset>
</html>
```

**menu.html**

```
<html>
<body bgcolor="#dcf1f7">
<h3 style="color:#4f90c2">MENU</h3><br>
<a href="https://en.wikipedia.org/wiki/HTML" target="main_page">What is HTML?</a>
<br />
<br />
<a href="https://en.wikipedia.org/wiki/JavaScript" target="main_page">What is
JavaScript?</a>
<br />
<br />
<a href="https://en.wikipedia.org/wiki/CSS" target="main_page">What is CSS?</a>
</body>
</html>
```

**body.html**

```
<html>
<body bgcolor="#9abbed">
<h3>This is main page and content from any link will be displayed here.</h3>
<p>So now click any link and see the result.</p>
</body>
</html>
```

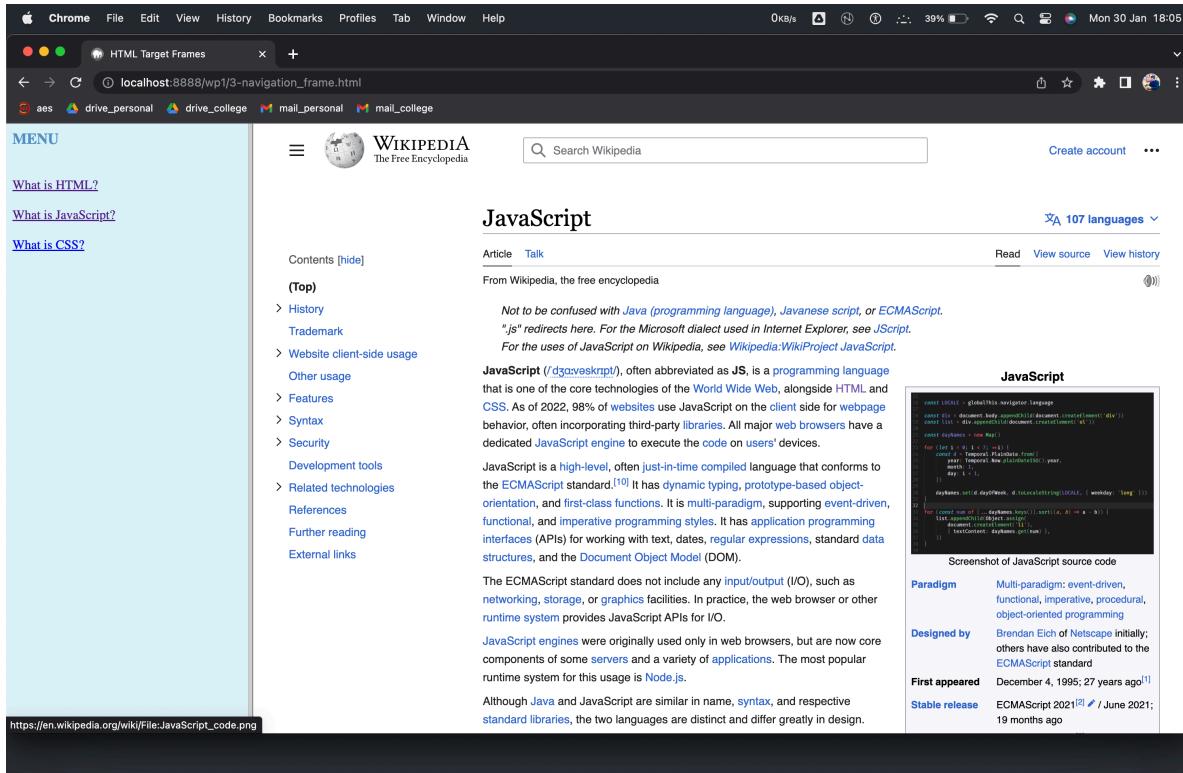
## Output Screenshot

**Mixed fram**

## Floating Frames

**Floating Frame**

## Navigation Frames



## 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>
<link rel="icon" type="image/x-icon" href="https://m.ajce.in/300x300png.png">
<center></center>
<title> Registration Form</title>
</head>
<body bgcolor="lightskyblue">
<h1 style="color:red;" align="center">AMAL JYOTHI COLLEGE OF ENGINEERING</h2>
<h2 align="center"><u><i>STUDENT REGISTRATION FORM</i></u></h2>
<table cellpadding="10" align="center" style="border:5px black solid;">
<tr><td><b><i>PERSONAL DETAILS :</i></b></td></tr>
<tr><td>FIRST NAME</td>
<td><input type="text" name="First_Name" size="25"/></td></tr>
<tr><td>LAST NAME</td>
<td><input type="text" name="Last_Name" size="25"/></td></tr>
<tr><td>DATE OF BIRTH</td>
<td><select name="Day" id="Day">
<option value="Day">Day:</option>
<option value="1">1</option>
<option value="2">2</option>
<option value="3">3</option>
<option value="4">4</option>
<option value="5">5</option>
<option value="6">6</option>
<option value="7">7</option>
<option value="8">8</option>
<option value="9">9</option>
<option value="10">10</option>
```

```
<option value="11">11</option>
<option value="12">12</option>
<option value="13">13</option>
<option value="14">14</option>
<option value="15">15</option>
<option value="16">16</option>
<option value="17">17</option>
<option value="18">18</option>
<option value="19">19</option>
<option value="20">20</option>
<option value="21">21</option>
<option value="22">22</option>
<option value="23">23</option>
<option value="24">24</option>
<option value="25">25</option>
<option value="26">26</option>
<option value="27">27</option>
<option value="28">28</option>
<option value="29">29</option>
<option value="30">30</option>
<option value="31">31</option>
</select>
<select id="Month" name="Month">
<option value="Month">Month:</option>
<option value="Jan">Jan</option>
<option value="Feb">Feb</option>
<option value="Mar">Mar</option>
<option value="Apr">Apr</option>
<option value="May">May</option>
<option value="Jun">Jun</option>
<option value="Jul">Jul</option>
<option value="Aug">Aug</option>
<option value="Sep">Sep</option>
<option value="Oct">Oct</option>
<option value="Nov">Nov</option>
<option value="Dec">Dec</option>
</select>
<select name="Year" id="Year">
<option value="Year">Year:</option>
<option value="2005">2005</option>
<option value="2004">2004</option>
<option value="2003">2003</option>
```

---

```
<option value="2002">2002</option>
<option value="2001">2001</option>
<option value="2000">2000</option>
<option value="1999">1999</option>
<option value="1998">1998</option>
<option value="1997">1997</option>
<option value="1996">1996</option>
<option value="1995">1995</option>
</select></td>
</tr> <tr>
<td>EMAIL ID</td>
<td><input type="text" name="Email_Id" size="25"/></td></tr>
<tr><td>MOBILE NUMBER</td>
<td><input type="text" name="Mobile_Number" size="25"/></td></tr>
<tr><td>GENDER</td><td>
Male <input type="radio" name="Gender" value="Male" />
Female <input type="radio" name="Gender" value="Female" /></td></tr>
<tr><td>ADDRESS <br /><br /><br /></td>
<td><textarea name="Address" rows="5" cols="25"></textarea></td></tr>
<tr><td>CITY</td>
<td><input type="text" name="City" size="25"/></td></tr>
<tr><td>PIN CODE</td>
<td><input type="text" name="Pin_Code" size="25"/></td></tr>
<tr><td>STATE</td>
<td><input type="text" name="State" size="25"/></td></tr>
<tr><td>COUNTRY</td>
<td><input type="text" name="Country" size="25"/></td></tr>
<tr><td><b><i><u>QUALIFICATION :</u></i></b></td></tr>
<tr><td> </td>
<td align="center"><b>College/School</b></td>
<td align="center"><b>Marks</b></td>
<td align="center"><b>Percentage</b></td></tr>
<tr><td> CLASS X</td>
<td><input type="text" name="percentage" size="25">
<td><input type="text" name="marks" size="25">
<td><input type="text" name="percentage" size="25"></tr>
<tr><td> CLASS XII</td>
<td><input type="text" name="percentage" size="25">
<td><input type="text" name="marks" size="25">
<td><input type="text" name="percentage" size="25"></tr>
<tr><td> CLASS GRADUATION</td>
<td><input type="text" name="percentage" size="25">
```

---

```

<td><input type="text" name="marks" size="25">
<td><input type="text" name="percentage" size="25"></tr>
<tr><td>COURSE APPLIED FOR</td>
<td>R.MCA<input type="radio" name="Course_BCA" value="BCA">
Int.MCA<input type="radio" name="Course_BCom" value="B.Com"></td></tr>
<tr><td colspan="5" align="center">
<input type="submit" value="Submit">
<input type="reset" value="Reset" ></td></tr>
</table>
</form>
</body>
</html>

```

## Output Screenshot



**AMAL JYOTHI COLLEGE OF ENGINEERING**  
**STUDENT REGISTRATION FORM**

<b><u>PERSONAL DETAILS :</u></b>			
FIRST NAME	<input type="text"/>		
LASTNAME	<input type="text"/>		
DATE OF BIRTH	Day <input type="text"/> Month: <input type="text"/> Year: <input type="text"/>		
EMAIL ID	<input type="text"/>		
MOBILE NUMBER	<input type="text"/>		
GENDER	Male <input type="radio"/> Female <input checked="" type="radio"/>		
ADDRESS	<input type="text"/>		
CITY	<input type="text"/>		
PIN CODE	<input type="text"/>		
STATE	<input type="text"/>		
COUNTRY	<input type="text"/>		
<b><u>QUALIFICATION :</u></b>			
CLASS X	College/School <input type="text"/>	Marks <input type="text"/>	Percentage <input type="text"/>
CLASS XII	<input type="text"/>	<input type="text"/>	<input type="text"/>
CLASS GRADUATION	<input type="text"/>	<input type="text"/>	<input type="text"/>
COURSE APPLIED FOR		<input type="radio"/> R.MCA <input type="radio"/> Int.MCA <input checked="" type="radio"/>	
<input type="button" value="Submit"/> <input type="button" value="Reset"/>			

## Result

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

## Experiment No.: 5

### Aim

Analyze 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

#### .html

```
<html>
<head>
<link rel="stylesheet" href="exp4.css">
<style>
.main {
    text-align:center;
}
.xyz {
    font-style:bold;
    font-size:20px;
}
</style>
</head>
<body>
<br>
<p style = "color:blue; font-size:50px; text-align:center;">
<b>AMAL JYOTHI COLLEGE OF ENGINEERING</b> </p>
<div class = "main">
<div class = "xyz">
</div>
</div>
<div class = "m">
```

```
<div id ="n"> 
</div>
</div>
</body>
</html>
```

### **.css**

```
body {
background-color:lightskyblue;
}
.m {
text-align:center;
}
#n{
    align:center;
}
```

### **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>
<title> Home </title>
<head>
<style>
h2{
color:blue;
}
h3{
color:red;
text-align:center;
}
h4{color:green;
}
</style>
<h1 id="hh"> AMAL JYOTHI COLLEGE OF ENGINEERING </h1>
<p id="p1"> MY NAME IS AMAL THOMSON </p>
<h2>JavaScript Math Constants</h2>
<p id="demo1"></p>
<p id="demo2"></p>
<p id="demo3"></p>
<p id="demo4"></p>
<p id="demo5"></p>
<p id="demo6"></p>
<p id="demo7"></p>
<p id="demo8"></p>
<p id="demo9"></p>
<p id="demo10"></p>
```

```

<h2>Predefined Functions in a String </h2>
<script>
var a = "AJCE"
var b = 20
var c = 30
var d = 12.34
var e = {
    f_name: "AJCE",
    s_name: "MCA",
    addrs: "Kanjirapally",
    distance: 20
};
var f = "AMAL COLLEGE JYOTHI AMAL COLLEGE"
var g = f.slice(6,20)
var h = f.substr(6,6)
var i = f.substr(6)
var j = f.replace("AMAL", "KANJIRAPALLY")
var k = f.toLowerCase()
var l = "AMAL"
var m = "THOMSON"
var n = l.concat(" ", m)
document.write("<h2>" + e.f_name + "</h2>")
document.write("<h3>" + "f_name : " + e.f_name + "</h3>" + "<br>")
document.write("<h3>" + "s_name : " + e.s_name + "</h3>")
document.write("<h4>" + "addrs : " + e.addrs + "</h4>")
document.write("<h4>" + "distance : " + e.distance + "</h4>")
document.write(f.length + "<br>")
document.write(pos = f.indexOf("COLLEGE") + "<br>")
document.write(pos = f.lastIndexOf("COLLEGE") + "<br>")
document.write(g + "<br>")
document.write(h + "<br>")
document.write(i + "<br>")
document.write(j + "<br>")
document.write(k + "<br>")
document.write(n + "<br>")
document.getElementById("p1").innerHTML = "MCA"
document.getElementById("hh").innerHTML = "AJCE"
document.getElementById("demo1").innerHTML = "<p><b>Round:</b> " + Math.round(4.6);
+ "</p>"
document.getElementById("demo2").innerHTML = "<p><b>Cell:</b> " + Math.ceil(4.9); +
"</p>"
document.getElementById("demo3").innerHTML = "<p><b>Floor:</b> " + Math.floor(4.7); +
"</p>"
document.getElementById("demo4").innerHTML = "<p><b>Trunc:</b> " + Math.trunc(4.4); +
"</p>" ;

```

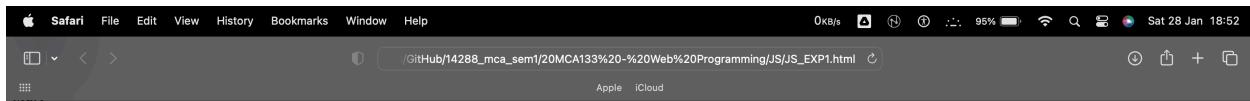
---

```

document.getElementById("demo5").innerHTML = "<p><b>Sign:</b> " + Math.sign(-4); +
"</p>"
document.getElementById("demo6").innerHTML = "<p><b>Pow:</b> " + Math.pow(8, 2); +
"</p>"
document.getElementById("demo7").innerHTML = "<p><b>SQRT:</b> " + Math.sqrt(64); +
"</p>"
document.getElementById("demo8").innerHTML = "<p><b>ABS:</b> " + Math.abs(-4.7); +
"</p>"
document.getElementById("demo9").innerHTML = "<p><b>MIN:</b> " + Math.min(0, 150,
30, 20, -8, -200); + "</p>"
document.getElementById("demo10").innerHTML = "<p><b>RANDOM:</b> " +
Math.random(); + "</p>"
</script>
</head>
</html>

```

## Output Screenshot



### JavaScript Math Constants

**Round:** 5  
**Cell:** 5  
**Floor:** 4  
**Trunc:** 4  
**Sign:** -1  
**Pow:** 64  
**SQRT:** 8  
**ABS:** 4.7  
**MIN:** -200  
**RANDOM:** 0.6881269488410436

### Predefined Functions in a String

#### AJCE

```

f_name : AJCE
s_name : MCA

addrs : Kanjirapally
distance : 20

32
5
25
OLLEGE JYOTHI
OLLEG
OLLEGE JYOTHI AMAL COLLEGE
KANJIRAPALLY COLLEGE JYOTHI AMAL COLLEGE
amal college jyothi amal college
AMAL THOMSON

```

## 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.

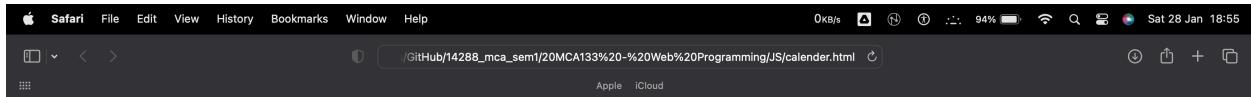
### **Procedure**

```
<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><font
color='red'>SUNDAY</font></th><th>MONDAY</th><th>TUESDAY</th><th>WEDNESD
AY</th><th>THRUSDAY</th><th>FRIDAY</th><th><font
color='red'>SATURDAY</font></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+=" <font color='red'>"+date.getDate()+"</font></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: 2022		Month: 12		Generate Calender		
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THRUSDAY	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	29	30	31

## **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**

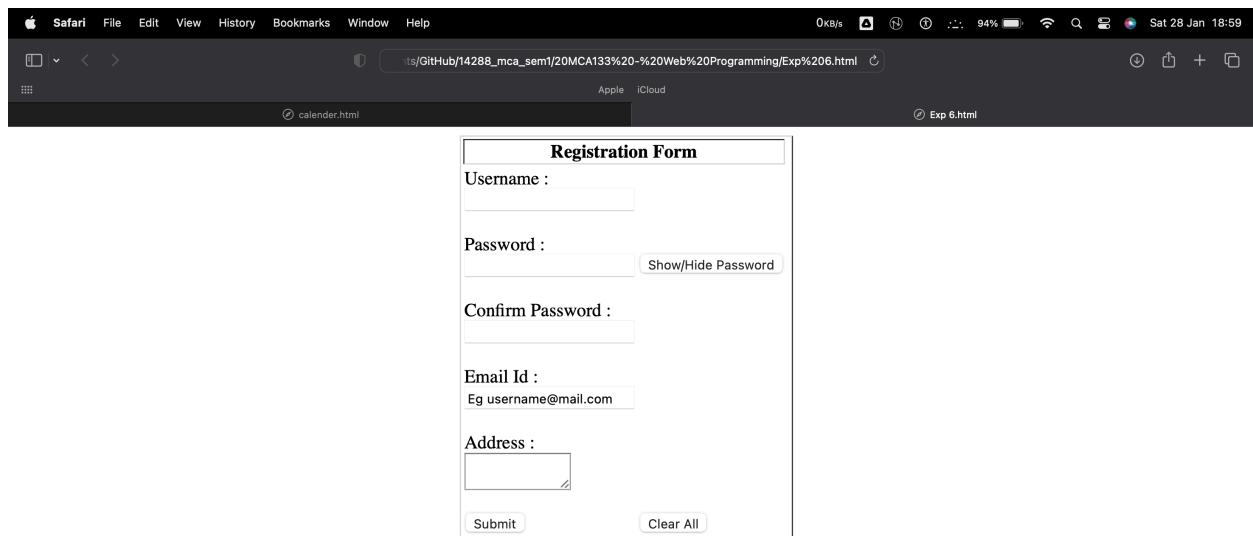
```

<html>
<head><style>
td{
border:none;
}
</style></head><body>
<table border="1">
<tr><th colspan="2"><center>Registration Form</center></th></tr>
<tr><td colspan="2">Username : <form><input type="text" id="t1"></input></form></td></tr>
<tr><td>Password : <form><input type="password" id="t2"></input></form></td><td><button id="b1">Show/Hide Password</button></td></tr>
<tr><td colspan="2">Confirm Password : <form><input type="password" id="t3"></input></form></td></tr>
<tr><td colspan="2">Email Id : <form><input type="text" id="t4" value="Eg username@mail.com"></input></form></td></tr>
<tr><td colspan="2">Address : <form><textarea rows="2" cols="10" id="t5"></textarea></form></td></tr>
<tr><td><input type="button" value="Submit" id="b2"></td><td><input type="reset" value="Clear All"></td></tr>
</table><script>
function validation()
{
if(document.getElementById("t1").value=="")
alert("Enter your name");
else if(document.getElementById("t2").value=="")
alert("Enter your password");
else if(document.getElementById("t3").value!=document.getElementById("t2").value)
alert("Both passwords do not match!");
else if(document.getElementById("t4").value=="")
alert("Enter your Email Id");
else if(document.getElementById("t5").value=="")
alert("Enter your address");
else

```

```
alert("Form has been submitted")
}
function reveal()
{
var pass= document.getElementById("t2")
if(pass.type==="password")
{
pass.type="text";
}
else
{
pass.type="password";
}
}
document.getElementById("b1").addEventListener("click",reveal)
document.getElementById("b2").addEventListener("click",validation)
</script></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.

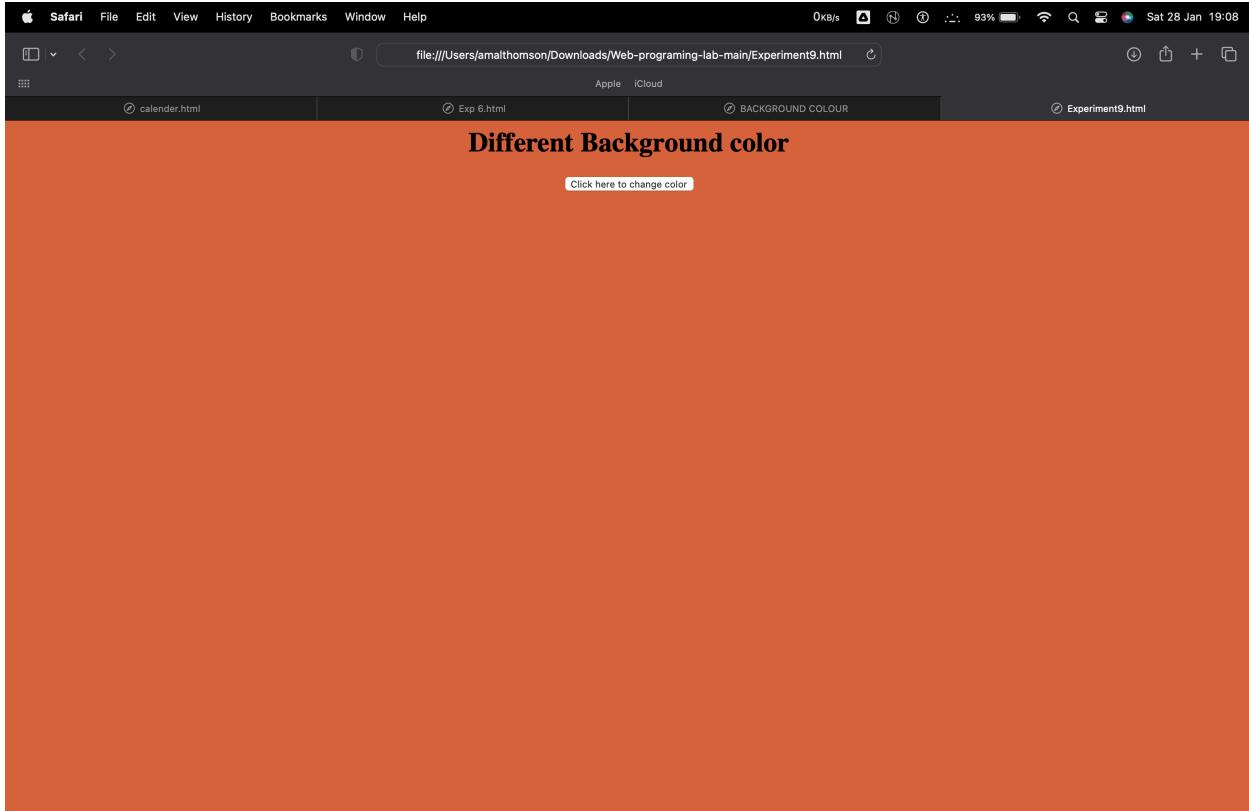
### **CO2**

Learn and design client-side validation using scripting languages.

### **Procedure**

```
<html>
<center>
<h1 id="h1">Different Background color</h1>
<p id="pi">
</p>
<center>
<button id="b1" > Click Here </button>
<button id="b2" > Click here to change color</button>
<script>
document.getElementById("b2").addEventListener("click",fun5)
function getColorCode() {
var makeColorCode = '0123456789ABCDEF';
var code = '#';
for (var count = 0; count < 6; count++) {
code = code + makeColorCode[Math.floor(Math.random() * 16)];
}
return code;
}
function fun5(){
    document.body.style.backgroundColor = getColorCode()
}
</script>
</html>
```

## **Output Screenshot**



## **Result**

The program was executed and the result was successfully obtained. Thus CO<sub>2</sub> 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.

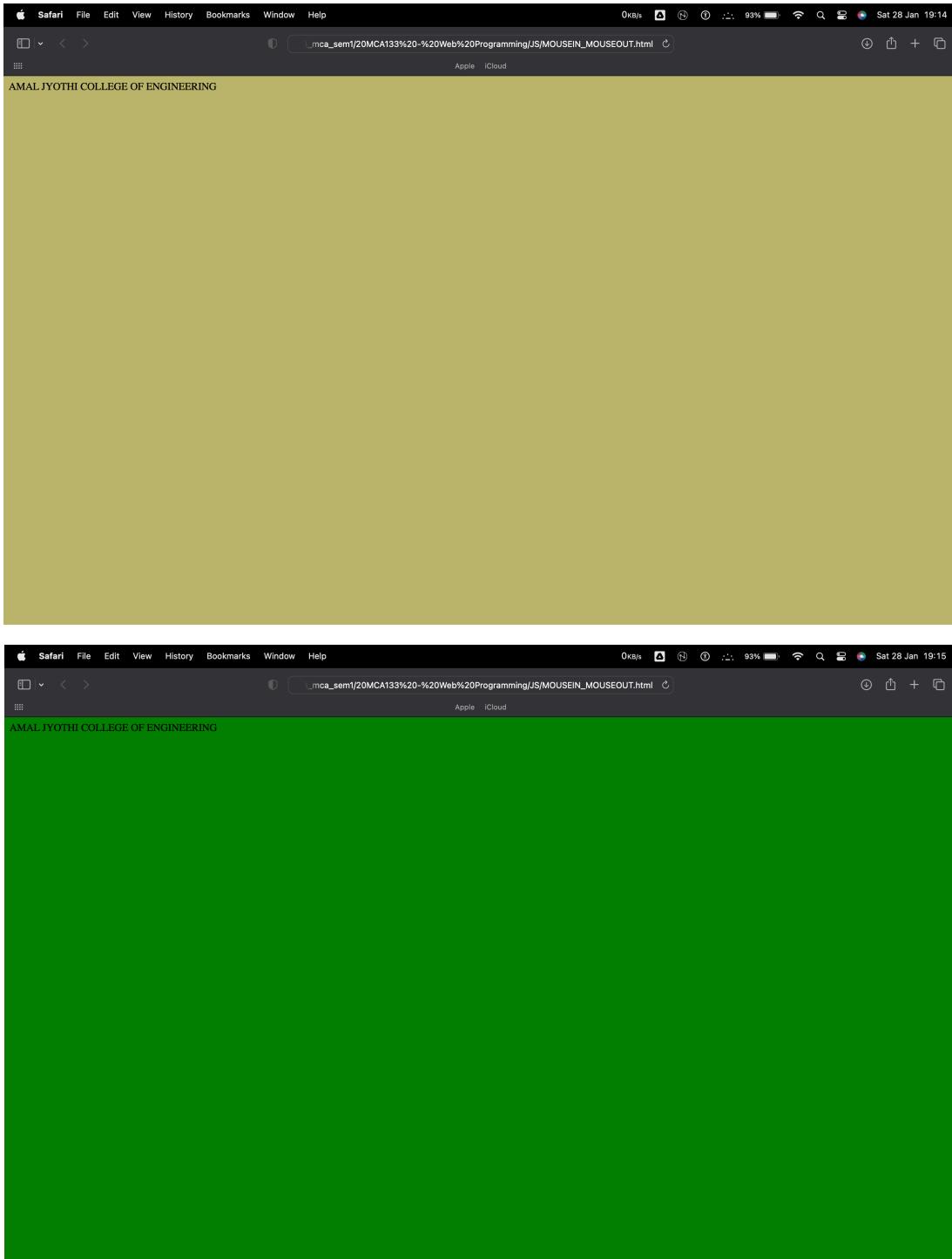
### **CO2**

Learn and design client-side validation using scripting languages.

### **Procedure**

```
<html>
<head>
<p id="p1"> AMAL JYOTHI COLLEGE OF ENGINEERING </p>
<script>
document.getElementById("p1").addEventListener("mouseover", fun1);
function fun1()
{
document.body.style.backgroundColor="#BDB76B";
}
document.getElementById("p1").addEventListener("mouseout", fun2);
function fun2()
{
document.body.style.backgroundColor="green";
}
</script>
</head>
</html>
```

## Output Screenshot



## Result

The program was executed and the result was successfully obtained. Thus CO<sub>2</sub> 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.

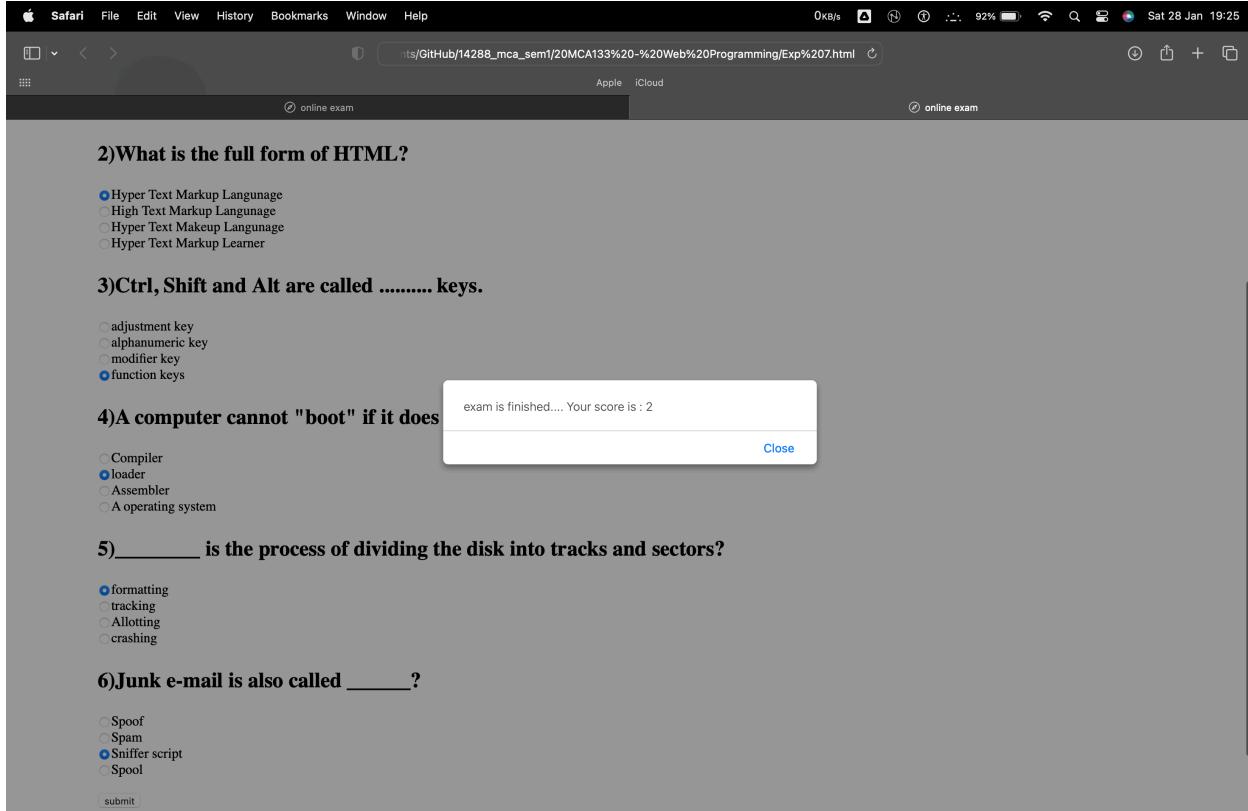
### **Procedure**

```
<html lang="en">
<head>
<meta charset="UTF-8">
<meta http-equiv="X-UA-Compatible" content="IE=edge">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>
online exam
</title>
</head>
<body>
<u><h1 style="text-align: center;">ONLINE EXAM </h1> </u>
<div style="margin: 100px;">
<h3 style="font-size: 25px;">1)MS-Word is an example of ____ ?</h3>
<input type="radio" name="q1" id="a">An operating system<br>
<input type="radio" name="q1" id="b">Application software<br>
<input type="radio" name="q1" id="c">An input device<br>
<input type="radio" name="q1" id="d">A processing device<br>
<h3 style="font-size: 25px;">2)What is the full form of HTML?</h3>
<input type="radio" name="q2" id="a">Hyper Text Markup Langunage<br>
<input type="radio" name="q2" id="b">High Text Markup Langunage<br>
<input type="radio" name="q2" id="c">Hyper Text Makeup Langunage<br>
<input type="radio" name="q2" id="d">Hyper Text Markup Learner<br>
<h3 style="font-size: 25px;">3)Ctrl, Shift and Alt are called ..... keys.</h3>
<input type="radio" name="q3" id="a">adjustment key<br>
<input type="radio" name="q3" id="b">alphanumeric key<br>
<input type="radio" name="q3" id="c">modifier key<br>
<input type="radio" name="q3" id="d">function keys<br>
<h3 style="font-size: 25px;">4)A computer cannot "boot" if it does not have the ____</h3>
<input type="radio" name="q4" id="a">Compiler<br>
<input type="radio" name="q4" id="b">loader<br>
<input type="radio" name="q4" id="c">Assembler<br>
<input type="radio" name="q4" id="d">A operating system<br>
```

---

```
<h3 style="font-size: 25px;">5) _____ is the process of dividing the disk into tracks and  
sectors?</h3>  
<input type="radio" name="q5" id="e">formatting<br>  
<input type="radio" name="q5">tracking<br>  
<input type="radio" name="q5">Allotting<br>  
<input type="radio" name="q5">crashing<br>  
<h3 style="font-size: 25px;">6)Junk e-mail is also called _____ ?</h3>  
<input type="radio" name="q6">Spoof<br>  
<input type="radio" name="q6" id="f">Spam<br>  
<input type="radio" name="q6">Sniffer script<br>  
<input type="radio" name="q6">Spool<br><br>  
<input type="button" value="submit" onclick="result()">  
</div>  
<script>  
function result(){  
var score=0;  
if(document.getElementById("a").checked){  
score++;  
}  
if(document.getElementById("b").checked){  
score++;  
}  
if(document.getElementById("c").checked){  
score++;  
}  
if(document.getElementById("d").checked){  
score++;  
}  
if(document.getElementById("f").checked){  
score++;  
}  
if(document.getElementById("e").checked){  
score++;  
}  
window.alert("exam is finished.... Your score is : " +score);  
}  
</script>  
</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**

To what extend you design front end web page and connect to the back-end databases.

### **Procedure**

#### **connection.php**

```
<?php
$connection=mysqli_connect("localhost","root","root", "project");
?>
```

#### **register.php**

```
<?php
include 'connection.php';
if(isset($_POST["submit"]))
{
$name=$_POST["name"];
$mobile=$_POST["mobile"];
$email=$_POST["email"];
$gender=$_POST["gender"];
$address=$_POST["address"];
$sql= "INSERT INTO `registration`(`name`, `mobile`, `email`, `gender`, `address`) VALUES
('$name','$mobile','$email','$gender','$address')";
$result=mysqli_query($connection, $sql);
if($result==1)
    echo "Insertion_Successful";
else
    echo "Insertion_Failed";
}
?>
<title>Registration Form</title>
<body bgcolor="lightgreen">
<center>
<table class="table2">
<tr>
<td>
```

```
<head>
<h2 style="color:red;" align="center">REGISTRATION FORM</h2>
<style>
.table1 {
    border-style:solid;
    border-width:3px;
    font-size: 20px;
    border-color:black;
    margin: 10px;
    padding-top: 15px;
    padding-bottom: 15px;
    padding-left: 15px;
    padding-right: 15px;
}
.table2 {
    padding-top: 100px;
}
</style>
</head>
<form action="#" method="POST">





```

```
</table>
</form>
</td>
</tr>
</table>
</center>
</body>
```

**view.php**

```
<?php
include "connection.php";
?>
<a href="registration.php">REGISTER AGAIN</a>
<center>
<table border="1">
<tr>
<td> ID </td>
<td> Name </td>
<td> Phone Number </td>
<td> Email </td>
<td> Gender </td>
<td> Address </td>
<td> Edit </td>
<td> Delete </td>
</tr>
<?php
$result=mysqli_query($connection, "SELECT * FROM `registration`");
while($row=mysqli_fetch_array($result))
{
?>
<tr>
<td> <?php echo $row["regID"]; ?> </td>
<td> <?php echo $row["name"]; ?> </td>
<td> <?php echo $row["mobile"]; ?> </td>
<td> <?php echo $row["email"]; ?> </td>
<td> <?php echo $row["gender"]; ?> </td>
<td> <?php echo $row["address"]; ?> </td>
<td> <a href="edit.php?eid=<?php echo $row["regID"]; ?>">EDIT</a></td>
<td> <a href="delete.php?did=<?php echo $row["regID"]; ?>">DELETE</a></td>
</tr>
<?php }
?>
</table>
</center>
```

## Output Screenshot

The screenshot shows two consecutive pages from a web application.

**Page 1: Registration Form**

This page is titled "REGISTRATION FORM". It contains fields for NAME, MOBILE NUMBER, EMAIL, GENDER (with radio buttons for Male and Female), and ADDRESS. A "Register" button is at the bottom.

NAME :	<input type="text"/>
MOBILE NUMBER :	<input type="text"/>
EMAIL :	<input type="text"/>
GENDER :	<input type="radio"/> Male <input type="radio"/> Female
ADDRESS :	<input type="text"/>
<input type="button" value="Register"/>	

**Page 2: View Page**

This page displays a table of registered users. The table has columns: ID, Name, Phone Number, Email, Gender, Address, Edit, and Delete.

ID	Name	Phone Number	Email	Gender	Address	Edit	Delete
1	amalthomson	9469664422	amal@icloud.com	Male	Wayanad	<a href="#">EDIT</a>	<a href="#">DELETE</a>
2	vimalthomson	9149900160	vimal@gmail.com	Male	trivandrum	<a href="#">EDIT</a>	<a href="#">DELETE</a>
3	Deepak	9149733203	deepak@gmail.com	Male	Rajouri	<a href="#">EDIT</a>	<a href="#">DELETE</a>
4	Aliya	9419228900	aliya@yahoo.in	Female	Jammu	<a href="#">EDIT</a>	<a href="#">DELETE</a>

A link "REGISTER AGAIN" is visible above the table.

## 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>
<head>
<title>Validation</title>
</head>
<style>
table{
background-color: white;
margin-left: auto;
margin-right: auto;
margin-top:1em;
padding:1em;
}
tr,td,th{
padding:1em;
text-align: left;
}
.center th{
text-align: center;
}
</style>
<body>
<center><h1><b><u>PHP VALIDATION</u></b></h1><center>
<form name="form" action="#" method="POST">
<table border="1px">
<tr>
<th>Name</th>
<td><input type="text" name="name"> </td>
</tr>
<tr>
<th>Email</th>
```

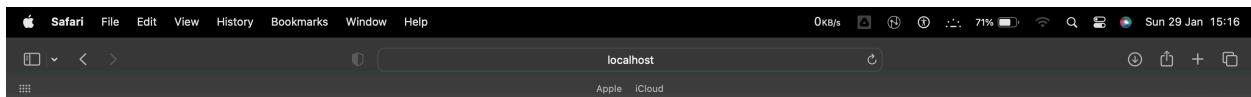
---

```
<td><input type="email" name="email"> </td>
</tr>
<tr>
<th>Mob NO </th>
<td><input type="tel" name="mobile"> </td>
</tr>
<tr>
<th>Username </th>
<td><input type="text" name="user"> </td>
</tr>
<tr>
<th>Password </th>
<td><input type="password" name="password"> </td>
</tr>
<tr class="center">
<th colspan="2"><input type="submit" value="submit" name="submit"></th>
</tr>
</table>
</form>
<?php
$con = Mysqli_Connect("localhost","root","","sql");
if(isset($_POST['submit'])){
$name = $_POST['name'];
$email = $_POST['email'];
$mobile = $_POST['mobile'];
$user = $_POST['user'];
$password = $_POST['password'];
if($_POST['name'] == ""){
echo "<script>alert('Enter First Name')</script>";
}
else if($_POST['email'] == ""){
echo "<script>alert('Enter Email')</script>";
}
else if($_POST['mobile'] == ""){
echo "<script>alert('Enter Valid Mobile Number')</script>";
}
else if($_POST['user'] == ""){
echo "<script>alert('Enter User Name')</script>";
}
else if($_POST['password'] == ""){
echo "<script>alert('Enter Password')</script>";
}
else if (strlen($_POST["password"]) == "") {
echo "<script>alert('Enter Password')</script>";
}
}
```

---

```
else{
$query = "INSERT INTO `form`(`name`, `email`, `mobile`, `user`, `password`) VALUES
('$name','$email','$mobile','$user','$password')";
}
}
?>
</body>
</html>
```

## **Output Screenshot**



## **PHP VALIDATION**

Name	<input type="text"/>
Email	<input type="text"/>
Mob NO	<input type="text"/>
Username	<input type="text"/>
Password	<input type="text"/>
<input type="button" value="submit"/>	

## **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**

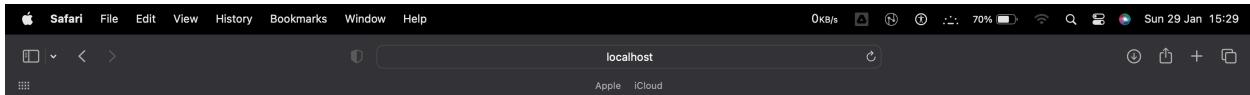
Do Client-side & Server-side scripting

### **Procedure**

```
<html>
<head>
<title>Electricity bill</title>
<style >
b{
color: red;
}
</style>
</head>
<body>
<h1>Electricity bill</h1>
<form method="post" action="#">
<center>
<table border="1px">
<tr>
<th>Number of Unit Used:</th>
<td><input type="text" name="units"></td>
</tr>
<tr>
<th></th>
<td align="center"><input type="submit" name="submit" value="Calculate Bill"></td>
</tr>
</table>
</center>
</form>
<?php
$;
if(isset($_POST["submit"]))
{
$u=$_POST["units"];
$s=rate($u);
```

```
echo "Total Charge for ",$u," Units of Electricity = <b>".$s." Rupees. </b>";
}
function rate($u)
{
if($u<=50)
{
$r=$u*3.50;
return $r;
}
else if($u>50 && $u<=150)
{
$t=50*3.50;
$u=$u-50;
$r=$t+$u*4;
return $r;
}
else if($u>150 && $u<=250)
{
$t=50*3.50+100*4;
$u=$u-150;
$r=$t+$u*5.20;
return $r;
}
else if($u>=250)
{
$t=50*3.50+100*4+100*5.20;
$u=$u-250;
$r=$t+$u*6;
return $r;
}
}
?>
</body>
</html>
```

## Output Screenshot



Total Charge for 111 Units of Electricity = **419 Rupees.**

## 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.

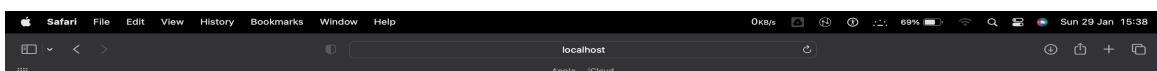
### CO4

Do Client-side & Server-side scripting

### Procedure

```
<?php
$students = array("Sadiya", "Vimal", "Amal", "Zara", "Jessy");
echo "Normal Array : <br>";
print_r($students);
echo "<br><br> Ascending Sort : <br>";
asort($students);
print_r($students);
echo "<br><br> Descending Sort : <br>";
arsort($students);
print_r($students);
?>
```

### Output Screenshot



Normal Array :

Array ( [0] => Sadiya [1] => Vimal [2] => Amal [3] => Zara [4] => Jessy )

Ascending Sort :

Array ( [2] => Amal [4] => Jessy [0] => Sadiya [1] => Vimal [3] => Zara )

Descending Sort :

Array ( [3] => Zara [1] => Vimal [0] => Sadiya [4] => Jessy [2] => Amal )

### 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**

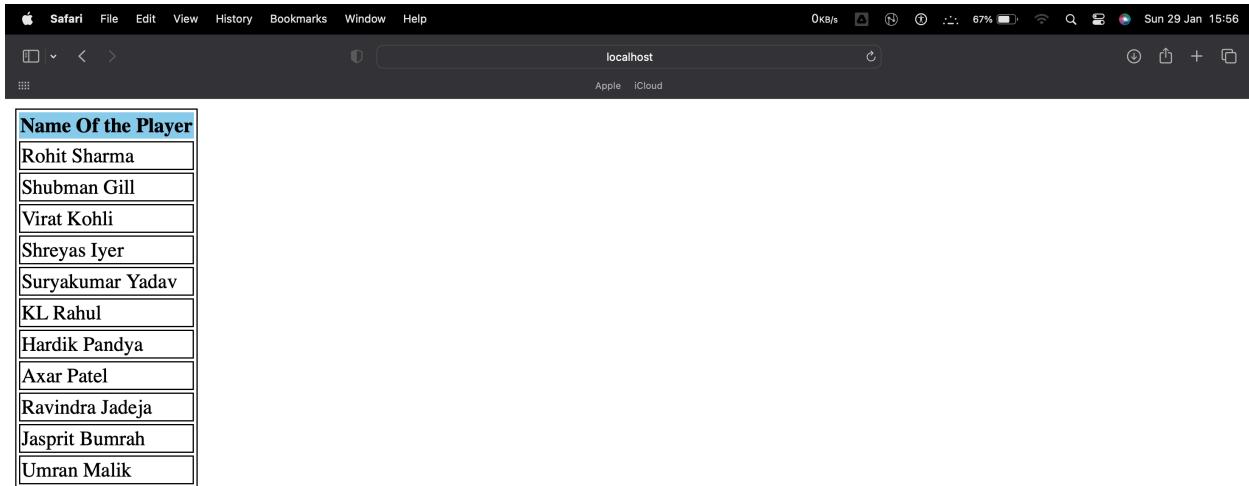
Do Client-side & Server-side scripting

### **Procedure**

```
<html>
<head>
<title>Indian Cricket Team </title>
<style>
table,td{
border: 1px solid;
}
th{
background-color: skyblue;
}
</style>
</head>
<body>
<?php
$a=array("Rohit Sharma", "Shubman Gill", "Virat Kohli", "Shreyas Iyer",
"Suryakumar Yadav", "KL Rahul", "Hardik Pandya", "Axar Patel",
"Ravindra Jadeja","Jasprit Bumrah", "Umran Malik");
?>
<table>
<tr>
<th>Name Of the Player </th>
</tr>
<?php
foreach($a as $x)
{
echo "<tr><td>".$x."</td></tr>";
}
?>
</table>
</body>
```

&lt;/html&gt;

## Output Screenshot



## 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

### **C05**

Develop Web Applications

### **Procedure**

#### **connection.php**

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

#### **register.php**

```
<?php
include "connection.php";
if(isset($_POST['submit']))
{
    $name=$_POST["name"];
    $email=$_POST["email"];
    $mobile=$_POST["mobile"];
    $gender=$_POST["gender"];
    $address=$_POST["address"];
    $sql="INSERT INTO `users`(`name`, `email`, `mobile`, `gender`, `address`) VALUES
    ('$name','$email','$mobile','$gender','$address')";
    $result=mysqli_query($connection, $sql);
}
?>
<form action="#" method="POST">
<center>
<br><br>
<h1><center><u> Registration From</u></center></h1>
<br><br>
<table border="1px">
<tr>
<td>Name</td>
<td><input type="text" name="name"></td>
</tr>
<tr>
```

```

<td>Email</td>
<td><input type="text" name="email"></td>
</tr>
<tr>
<td>Mobile</td>
<td><input type="text" name="mobile"></td>
</tr>
<tr>
<td>Gender</td>
<td>
<input type="radio" name="gender" value="Male"> Male
<input type="radio" name="gender" value="Female"> Female
</td>
</tr>
<tr>
<td>Address</td>
<td><textarea name="address" rows="5" cols="20"></textarea></td>
</tr>
<tr>
<td align="right" colspan="2"> <input type="submit" name="submit" value="submit"> </td>
</tr>
</table>
</center>
</form>

```

**delete.php**

```

<?php
include "connection.php";
$delete=$_GET["did"];
$result=mysqli_query($connection, "DELETE FROM `users` WHERE `u_id`='$delete'");
header("location:view.php");
?>

```

**update.php**

```

<?php
include "connection.php";
$update=$_GET["uid"];
$sql="SELECT * FROM `users` WHERE u_id=$update";
$result=mysqli_query($connection, $sql);
if(isset($_POST['submit']))
{
$name=$_POST['name'];
$email=$_POST['email'];
$mobile=$_POST['mobile'];
$sql="UPDATE `users` SET `name`='$name', `email`='$email', `mobile`='$mobile'";

```

---

```

$result=mysqli_query($connection, $sql);
}
?>
<form action="#" method="POST">
<?php
while($row=mysqli_fetch_array($result))
{
?>
<table>
<tr>
<td>Name</td>
<td><input type="text" name="name" value="<?php echo $row['name'];?>"></td>
</tr>
<tr>
<td>Email</td>
<td><input type="text" name="email" value="<?php echo $row['email'];?>"></td>
</tr>
<tr>
<td>Mobile</td>
<td><input type="text" name="mobile" value="<?php echo $row['mobile'];?>"></td>
</tr>
<tr>
<td align="right" colspan="2"> <input type="submit" name="submit" value="update"> </td>
</tr>
<?php
}
?>
</table>

```

**view.php**

```

<?php include "connection.php"; ?>
<center>
<br><br>
<h1><center><u> Registered Users </u></center></h1>
<br><br>
<table border="1">
<tr>
<th>USER ID</th>
<th>NAME</th>
<th>EMAIL</th>
<th>MOBILE</th>
<th>GENDER</th>
<th>ADDRESS</th>
<th>UPDATE</th>
<th>DELETE</th>

```

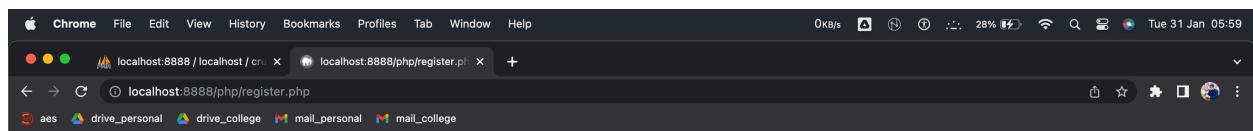
```

</tr>
<?php
$res=mysqli_query($connection, "SELECT * FROM `users`");
while ($row = mysqli_fetch_array($res))
{
?>
<tr>
<td><?php echo $row["u_id"]; ?></td>
<td><?php echo $row["name"]; ?></td>
<td><?php echo $row["email"]; ?></td>
<td><?php echo $row["mobile"]; ?></td>
<td><?php echo $row["gender"]; ?></td>
<td><?php echo $row["address"]; ?></td>
<td><a href="update.php?uid=<?php echo $row["u_id"]; ?>">UPDATE</a></td>
<td><a href="delete.php?did=<?php echo $row["u_id"]; ?>">DELETE</a></td>
</tr>
<?php } ?>
</table>
</center>

```

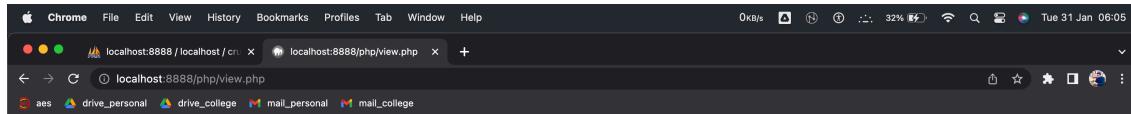
## Output Screenshot

### register.php



## Registration Form

Name	<input type="text"/>
Email	<input type="text"/>
Mobile	<input type="text"/>
Gender	<input type="radio"/> Male <input type="radio"/> Female
Address	<input type="text"/>
<input type="submit" value="submit"/>	

**view.php****Registered Users**

USER ID	NAME	EMAIL	MOBILE	GENDER	ADDRESS	UPDATE	DELETE
1	amal	amal@icloud.com	9469664422	Male	wayanad	<a href="#">UPDATE</a>	<a href="#">DELETE</a>
2	vimal	vimal@gmail.com	9149900160	Male	trivandrun	<a href="#">UPDATE</a>	<a href="#">DELETE</a>
5	sadiya	sadiya@gmail.com	9978658976	Female	srinagar	<a href="#">UPDATE</a>	<a href="#">DELETE</a>
6	akash	akash@ymail.com	8934256983	Male	dehradun	<a href="#">UPDATE</a>	<a href="#">DELETE</a>
7	attiya	attiya@outlook.com	9967843876	Female	rajouri	<a href="#">UPDATE</a>	<a href="#">DELETE</a>

**database**

u_id	name	email	mobile	gender	address
1	amal	amal@icloud.com	9469664422	Male	wayanad
2	vimal	vimal@gmail.com	9149900160	Male	trivandrun
5	sadiya	sadiya@gmail.com	9978658976	Female	srinagar
6	akash	akash@ymail.com	8934256983	Male	dehradun
7	attiya	attiya@outlook.com	9967843876	Female	rajouri

**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

### **Procedure**

#### **bkdb.php**

```
<?php  
$Str=mysqli_connect("localhost","root","root","book");  
?>
```

#### **book.php**

```
<html>  
<head>  
<style>  
td{  
border:none;  
}  
table{  
margin:200px 450px;  
background-color:white;  
}  
body{  
background-color:darkseagreen;  
}  
</style>  
<title>  
Book Registration  
</title>  
</head>  
<body>  
<?php  
include 'bkdb.php';
```

---

```

if(isset($_POST["b1"]))
{
$An=$_POST["t"];
$Nm=$_POST["t1"];
$Ed=$_POST["t2"];
$At=$_POST["t3"];
$Pb=$_POST["t4"];
$St="INSERT INTO `bookdata`(`acc_no`, `Reg_Name`, `Reg_Edition`, `Reg_Author`, `Reg_Publisher`) VALUES ('$An','$Nm','$Ed','$At','$Pb')";
$Rst=mysqli_query($Str,$St);
header("location:bkview.php");
}
?>
<form action="#" method="post">
<center>
<table border="8" cellpadding="5" cellspacing="8">
<tr><td>Acc. No.: </td><td><input type="text" name="t"></td></tr>
<tr><td>Book Name: </td><td><input type="text" name="t1"></td></tr>
<tr><td>Edition: </td><td><input type="text" name="t2"></td></tr>
<tr><td>Author: </td><td><input type="text" name="t3"></td></tr>
<tr><td>Publisher: </td><td><input type="text" name="t4"></td></tr>
<tr><td></td><td><input type="submit" name="b1" value="Register">&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;<input type="reset" value="Clear All"></td></tr>
</table>
</center>
</form>
</body>
</html>

```

**search.php**

```

<html>
<body>
<center><h2>FIND YOUR BOOK</h2></center>
<form action = "displaybook.php" method="GET">
<center>Enter the title of the book to be searched :
<input type="text" name="search" size="48">
<br></br>
<input type="submit" value="Search">
<input type="reset" value="Reset">
</center>
<br>
</form>
</body>
</html>

```

**displaybook.php**

```
<html>
<body>
<center><h2>Books Found With The Required Title</h2></center>
<br>
<?php
include 'bkdb.php';
$search = $_REQUEST["search"];
$query = "SELECT * FROM `bookdata` WHERE Reg_Name like '%$search%'";
$result = mysqli_query($Str,$query);
if(mysqli_num_rows($result)>0)if(mysqli_num_rows($result)>0)
{
?>
<center>
<table border="1" align="center" cellpadding="5">
<tr>
<th> Registration ID </th>
<th> Acc. No </th>
<th> Title </th>
<th> Author </th>
<th> Edition </th>
<th> Publication </th>
</tr>
<?php while($row = mysqli_fetch_assoc($result))
{
?>
<tr>
<td><?php echo $row["Reg_Id"];?> </td>
<td><?php echo $row["acc_no"]; ?></td>
<td><?php echo $row["Reg_Name"];?> </td>
<td><?php echo $row["Reg_Author"];?> </td>
<td><?php echo $row["Reg_Edition"];?> </td>
<td><?php echo $row["Reg_Publisher"];?> </td>
</tr>
<?php
}
}
else
echo "<center>No books found in the library by the name $search </center>" ;
?>
</table>
</center>
</body>
</html>
```

---

## Output Screenshot

### register.php

The screenshot shows a Chrome browser window with the URL `localhost:8888/bss/Book.php`. The page has a light green background. In the center, there is a form with five input fields and two buttons. The fields are labeled: 'Acc. No.', 'Book Name', 'Edition', 'Author', and 'Publisher'. Below the fields are two buttons: 'Register' and 'Clear All'.

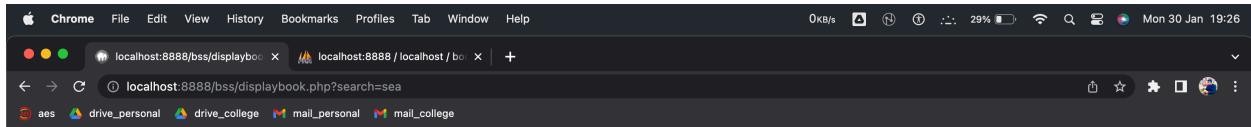
Acc. No.:	<input type="text"/>
Book Name:	<input type="text"/>
Edition:	<input type="text"/>
Author:	<input type="text"/>
Publisher:	<input type="text"/>

### search.php

The screenshot shows a Chrome browser window with the URL `localhost:8888/bss/Search.php`. The page has a white background. At the top, it says 'FIND YOUR BOOK'. Below that is a text input field with the placeholder 'Enter the title of the book to be searched'. Underneath the input field are two buttons: 'Search' and 'Reset'.

FIND YOUR BOOK

Enter the title of the book to be searched :

**display.php****Books Found With The Required Title**

Registration ID	Acc. No	Title	Author	Edition	Publication
1	101	In the Heart of the Sea	Nataniel	II	National Publishers

**Result**

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

## **Experiment No.: 19**

### **Aim**

Micro Project – CRUD Operation in PHP (Hostel OutPass Management)

### **CO**

CO1, CO2, CO3, CO4 & CO5

### **Procedure**

#### **connection.php**

```
<?php
$con = mysqli_connect("localhost","root","","opms");
?>
```

#### **login.php**

```
<?php
include 'db2.php';
session_start();
if(isset($_SESSION['login_admin']))
{
header("location:dashboard.php");
}
if (isset($_POST["submit"]))
{
$usrname = mysqli_real_escape_string($con,$_POST['usrnm']);
$epassword = mysqli_real_escape_string($con,$_POST['pswd']);
$sql=mysqli_query($con,"SELECT * FROM role_db WHERE email='".$usrname' AND password='".$epassword"");
while ($row = mysqli_fetch_assoc($sql)) {
if($row['role']=='admin')
{
$_SESSION['login_admin']=$row['role_id'];
header("location: dashboard.php");
}
else
{
echo "<script>alert('Username and password are incorrect')</script>";
echo "<script>window.location='index.php'</script>";
}
}
}
```

```

?>
<!DOCTYPE html>
<html>
<head>
<meta charset='utf-8'>
<link rel="stylesheet" href="stylesheet.css">
<meta http-equiv='X-UA-Compatible' content='IE=edge'>
<link rel="icon" href="favicon.png" type="image/png">
<title>Login</title>
<meta name='viewport' content='width=device-width, initial-scale=1'>
<link rel='stylesheet' type='text/css' media='screen' href='main.css'>
<script src='main.js'></script>
<style>
@import url(https://fonts.googleapis.com/css?family=Raleway:400,500);
body {
background: hsl(210, 45%, 60%);
font-family: "Raleway", Helvetica, sans-serif;
}
</style>
</head>
<body style="background-color:black">
<section class="title-text">
<h1 id="title" class="title" style="color:white"><b><u>Login to Outpass Management System</u></b></h1>
</section>
<main>
<form method="POST"><div id="survey-form">
<section id="survey-fields">
<label for="name" id="name-label"><b>Email:</b></label>
<input id="name" type="email" placeholder="Enter your email" name="usrnm" required>
<label for="Email" id="password-label"><b>Password:</b></label>
<input id="email" type="password" placeholder="Enter your password" name="pswd" required>
</section>
</div>
<input type="submit" value="Submit" name="submit"><input type="reset" value="Clear">
</form>
</main>
</body>
</html>

```

### **dashboard.php**

```

<?php
session_start();
if($_SESSION['login_admin']==""){

```

```
header("location:index.php");
}
include 'db2.php';
$result=mysqli_query($con,"SELECT * FROM `role_db`");
$sql2=mysqli_query($con,"SELECT * FROM `role_db` join `users` on
role_db.role_id=users.role_id");
?>
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <link rel="icon" href="favicon.png" type="image/png">
    <link href="stylesheet.css" rel="stylesheet">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Dashboard</title>
    <style>
h3{
font-family: "Raleway", Helvetica, sans-serif;
}
a{
text-decoration:none;
}
table, th, td {
color: aliceblue;
border: 1px solid white;
}
table{
margin-left: auto;
margin-right: auto;
}
</style>
</head>
<body>
<?php include 'side.php';?>
<div class="common-div"> <h3 >Dashboard</h3>
<div id="block_container"> <a href="#"> <div class="card-div-red"> Users <h4 class=card-
div></h4> </div></a>
<a href="requests.php"> <div class="card-div-blue"> Requests <h4 class=card-div></h4>
</div></a>
<a href="approve.php"> <div class="card-div-green"> Approved <h4 class=card-div></h4>
</div></a>
<a href="reject.php"> <div class="card-div-yellow"> Rejected <h4 class=card-div></h4>
</div></a>
</div>
```

---

```

<div class="dash-table">
</div>
</div>
<div class="common-div"> <h3>Users</h3> </div>
<table style="width:1000px" style="background-color:grey">
<tr>
    <th style="text-align: center;">Name</th>
    <th style="text-align: center;">Email</th>
    <th style="text-align: center;">User Type</th>
    <th style="text-align: center;">Phone</th>
    <th style="text-align: center;">Address</th>
    <th style="text-align: center;">Image</th>
    <th style="text-align: center;">Update</th>
    <th style="text-align: center;">Delete</th>
</tr>
<?php
$count = 0;
while ($row = mysqli_fetch_assoc($sql2)) { ?>
<tr>
    <td><?php echo $row['name']; ?></td>
    <td><?php echo $row['email']; ?></td>
    <td style="text-align: center;"><?php echo $row['role']; ?></td>
    <td style="text-align: center;"><?php echo $row['mobile']; ?></td>
    <td><?php echo $row['address']; ?></td>
    <td></td>
    <td style="text-align: center;"><a href="update.php?eid=<?php echo $row['role_id']; ?>">
        <input type="reset" value="Update"></td>
    <td style="text-align: center;"><a href="delete.php?did=<?php echo $row['role_id']; ?>">
        <input type="reset" value="Delete"></a>
    </td>
</tr>
<?php } ?>
<!--<td style="text-align: center;"><a href="update.php?eid=<?php echo $row['role_id']; ?>">Update</td>
    <td style="text-align: center;"><a href="delete.php?did=<?php echo $row['role_id']; ?>">Delete</td>-->

```

**outpass.php**

```

<?php
include 'db2.php';
if(isset($_POST['submit']))
{
$date_out=$_POST['date_out'];

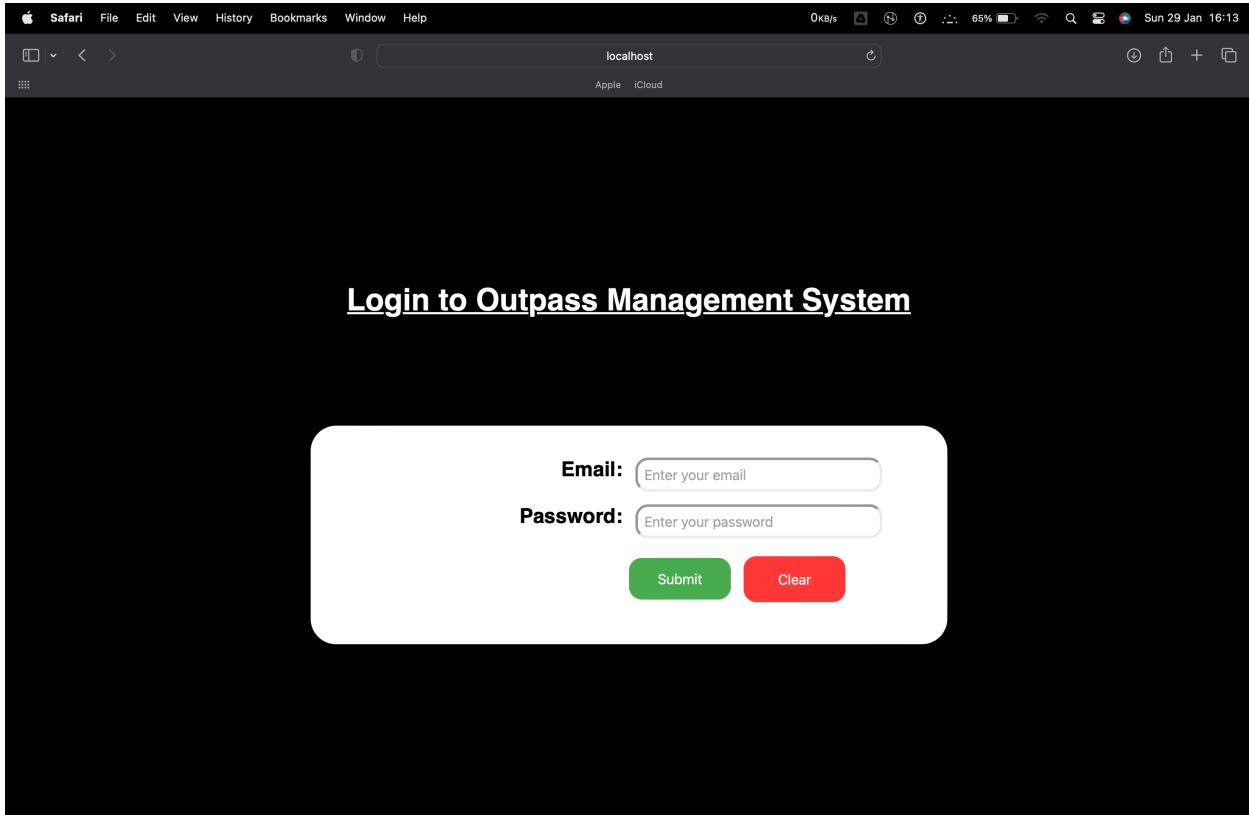
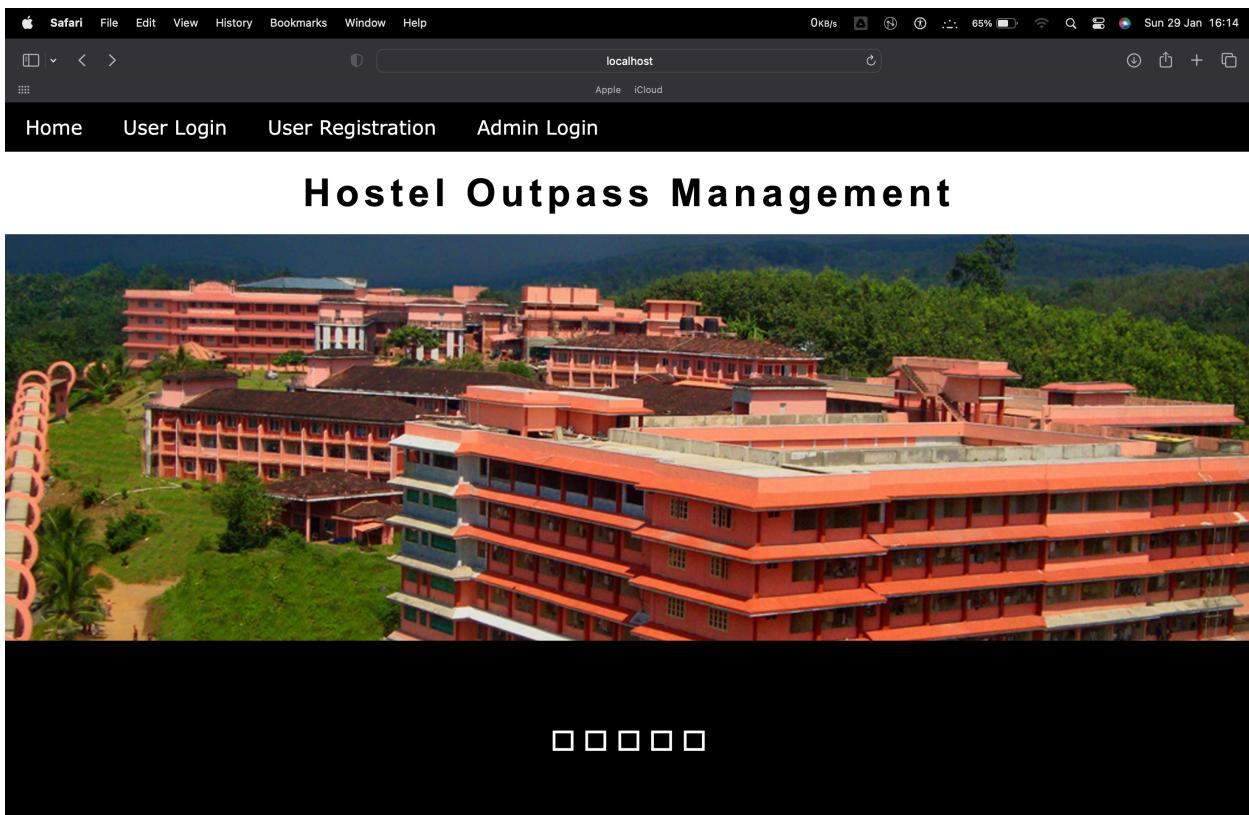
```

```
$date_in=$_POST['date_in'];
$reason=$_POST['reason'];
$roleid = mysqli_insert_id($con);
mysqli_query($con,"INSERT INTO `outpass`(`date_out`, `date_in`, `reason`, `role_id`)
VALUES ('$date_out','$date_in','$reason','$roleid')");
echo "<script>alert('Applied for OutPass Successfully');</script>";
echo "<script>window.history.back();</script>";
}
?>
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <link href="stylesheet.css" rel="stylesheet">
    <link rel="icon" href="favicon.png" type="image/png">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <link rel="icon" href="favicon.png" type="image/png">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Apply for OutPass</title>
    <style>
.addservices-div{
padding-top:20px;
margin-left:220px;
background:white;
width:100%;
border-radius:5px;
}
h2{
margin-left:500px;
color: beige;
font-family: "Raleway", Helvetica, sans-serif;
}
input[type=text],[type=password],[type=email],[type=number] {
width: 180px;
padding: 5px;
border-radius: 10px;
}
select{
width:140px;
height:30px;
border-radius:5px;
margin-bottom:30px;
}
</style>
</head>
```

---

```
<script
src="https://code.jquery.com/jquery-3.6.0.js"
integrity="sha256-H+K7U5CnXI1h5ywQfKtSj8PCmoN9aaq30gDh27Xc0jk="
crossorigin="anonymous"></script>
<script type="text/javascript" src="js_outpass.js"></script>
<body>
<?php include 'userside.php';?>
<div class="common-div">
<h2 id="title" class="title">Apply for Outpass </h2>
<div class="addservices-div">
<form action="#" method="POST" name="form" id="form" ><div id="survey-form">
<section id="survey-fields">
<label for="name" id="name-label">Date Out</label>
<input id="name" type="date" placeholder="Enter Out Date" name="date_out" required>
<div class="error" id="demo0"></div>
<label for="type" id="name-label">Date In</label>
<input id="text" type="date" placeholder="Enter In Date" name="date_in" required>
<div class="error" id="demo1"></div>
<label for="type" id="name-label">Reason</label>
<input id="text" type="textarea" placeholder="Enter a reason" name="reason" required>
<input type="submit" value="Submit" name="submit"><input type="reset" value="Clear">
</section>
</div>
</form>
</div>
</div>
</body>
</html>
```

## Output Screenshot



The screenshot shows the 'Dashboard' page of the Outpass Management System. On the left sidebar, there is a navigation menu with options: Home, Users, Requests, Approved, Rejected, and Log out. The main content area has four colored buttons at the top: 'Users' (pink), 'Requests' (teal), 'Approved' (green), and 'Rejected' (yellow). Below these buttons is a table titled 'Users' with the following data:

Name	Email	User Type	Phone	Address	Update	Delete
amal	amal@gmail.com	user	9469664422	wayanad	<button>Update</button>	<button>Delete</button>
vikas	vikas@gmail.com	user	9149900160	calicut	<button>Update</button>	<button>Delete</button>
akhil	akhil@gmail.com	user	9488942209	gudalur	<button>Update</button>	<button>Delete</button>
akash	akash@gmail.com	user	8803235135	dehradun	<button>Update</button>	<button>Delete</button>

The screenshot shows the 'Outpass Requests' page of the Outpass Management System. On the left sidebar, there is a navigation menu with options: Home, Users, Requests, Approved, Rejected, and Log out. The main content area is titled 'Outpass Requests' and displays a table with the following data:

Adm_No	Name	Date Out	Date In	Reason	Action
1	amal	2023-01-05	2023-01-04	checkup	<button>Approve</button> <button>Reject</button>
2	vikas	2023-01-10	2023-01-01	medical leave	<button>Approve</button> <button>Reject</button>
3	akhil	2022-12-28	2022-12-20	marriage	<button>Approve</button> <button>Reject</button>
4	akash	2023-01-07	2023-01-06	function	<button>Approve</button> <button>Reject</button>

## Result

The program was executed and the result was successfully obtained. Thus COs were obtained.