

**20MCA133 - WEB PROGRAMMING
LAB
RECORD**

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ROLL NO : 42

SUBMITTED TO ,

GRACE MISS

Program - 1

Aim: Model a Sample HTML file to demonstrate the use of different tags

```
<html>
<head> <title> tag page </title> </head>
<body>
<h1> This is my first program </h1>
<h2> This is my second program </h2>
<p> <b> <i> This is just a paragraph </i> </b> </p>
<p> <strong> This is just a paragraph </strong> </p>
<p> <em> emphasized by paragraph </em> </p>
<small> Small tag </small>
<p> The content will be <del> deleted </del> </p>
<p> The content will be <ins> inserted </ins> </p>
<p> The content will be <sub> Subscripted </sub> </p>
<p> The content will be <sup> Super scripted </sup> </p>
<font face="verdana" size="12" color="red">
  font tag </font>
</body>
</html>
```

Result: The program has been executed and the output was verified.

Output

this is my first program

this is my second program

this is just a paragraph

this is just a paragraph

Emphasized tag paragraph

Small tag

Content will be deleted

Content will be inserted

Content will be subscripted

Content will be superscripted

Font tag.

Program 2

Aim: create a HTML file to link different HTML pages which contains images tables and also link with in a page

a2.html

```
<html>
<head>
<title> HTML File </title>
<style>
    a {
        color: red;
        font-family: century Gothic;
        padding: 20px;
        text-decoration: none;
        font-weight: bold;
    }
    .div {
        position: absolute;
        left: 100px;
    }
</style>
```

</head>

<body>

<div> asus

 auv spec

<center> <h1> auv </h1> </center>

</center>

 <table border = "1px" >

<tr>

<th> product </th>

<td> laptops </td>

</tr>

<tr>

<th> Board </th>

<td colspan = "2" > Alienware </td>

</tr>

<dr>

<th> series </th>

<td colspan="2"> Fx 305 </td>

</dr>

<dr>

<th> price </th> <td colspan="2"> xxx </td>

</dr>

</tables>

</center>

</div>

</body>

</html>

Q3 . html

<html>

<head>

<style>

a {

color : red ;

font-family : century gothic ;

padding : 20px ;

border-decoration : none ;

```
font-weight: bold;  
}  
div {  
    position: absolute;  
    left: 600px;  
}  
</style>  
<head>  
<body>  
<div> <a href="#tab">asus spec</a>  
    <a href="az.htm1">auv </a><br><br>  
    <center> <h1> Asus </h1></center>  
      
      
  
<center>  
    <a name="tab" /><table border="1px">  
  
<tr>  
    <th> product </th>  
    <td> laptop </td>  
</tr>
```

<dr>

<th> model </th>

<td> cospan = "2" > Asus </td>

</dr>

<dr> series </dr>

<td> cospan = "2" > fx505 </td>

</dr>

<dr>

<th> price </th>

<td> cospan = "2" > xxxx </td>

</dr>

</table>

</center>

</div>

</body>

</html>

Result : The program has been ~~verified~~ ^{executed} and output was verified

HTML File @

about attr spec

Col 1 content	Col 2 content	Col 3 content
Col 1 content	Col 2 content	Col 3 content

Col 1 content
Col 1 content

product	laptop
Brand	QUV
Model	Alienware
Series	SiSOS-
Price	xx xx

HTML File • `app.html` •

asus spec acer

5000 - 700000000 - 6x36

Product	Laptop
Brand	Asus
Model	F5 F
Service	Fxsos-
Price	xxxxx

C. G. H.

Program 3

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

<html>

 <frameset rows = "50%, 50%">

 <frame src = "q3.nav.html">

 <frameset cols = "100%">

 <frame src = "qmixed.html">

 </frame set>

 </frame set>

</html>

• q3nav.html

<html>

 <frameset cols = "100,*">

 <frame src = "aay.html">

 <frame src = "leap.html">

 </frame set>

</html>

<html>

<frameset cols="50%,50%">

<frame src="q1.html">

<frame src="q2.html">

<frameset>

</html>

q1.html

<html>

<h1> floating frame </h1>

<frame src="q2.html">

<frame>

</html>

Result: The program has been executed
and output was verified.

Output

93.html

Form a

Form b

Enter a year

Submit

asus <rb> acerspace

<oldb>

ACER

<ctrlb>

asus accerspace

ACER SPEC

submit >

clear >

Program - 4

Aim : HTML program to analyse CSS by applying the different styles using inline, external & internal style sheets.

```
<html>
<head>
<title> Application form </title>
<link rel = "stylesheet" type = "text/css"
      href = "Prog 3.css">
<style>
  h1{ color: #40A8DA; }
</style>
</head>
<body> <center>
<h1> The College of A.
<h1> COLLEGE OF APPLIED SCIENCE,
      IHRD </h1><br>
<h2 style = "color: #ADD8E6"> submit
      your application </h2> <br>
```

```
<h3 style = "color: # EEF BFB">  
<form action = "" method = "">  
<fieldset style = "width: 600px">  
<legend> Basic details: </legend>  
Name: &nbsp; <input type = "text" name =  
"name" placeholder = "Enter your name">  
</input> <br> <br>  
DOB : &nbsp; <input type = "date" name =  
"bday" <br> <br>  
Gender: <input type = "radio" name = "gender"  
value = "male" > male  
<input type = "radio" name = "gender"  
value = "Female" > Female <br> <br>  
Address : &nbsp; <textarea cols = "30"  
rows = "3" name = "address" placeholder  
= "Enter your address...."> </textarea>  
<br> <br>
```

Phone no: <input type = "tel">

Email id :&nbs; <input type = "email"
name = "email">

</Field set>

<fieldset style = "width: 600px;">

<leg.end> Qualification details: </legend>

marks (%) in 10th : &nbs; <input type =
"number" name = "mark1">

marks (%) in 12th : &nbs; <input

type = "number" name = "mark2">

Select course to apply: &nbs;

<select name = "course">

<option value = "BCA"> BCA </option>

<option value = "B.Sc.IT"> B.Sc IT </option>

```
<option value="B.Sc.CS"> B.Sc. CS  
</option>  
</select>  
</field set> <br>  
<input type="submit" value="Submit">  
</center>  
</form>  
</body>  
</html>
```

Prog. 3. CSS

```
body  
{ background-color: #AAEEFF;  
}
```

Result: The program has been executed and the output was verified.

Output

COLLEGE OF APPLIED SCIENCE

< "Name: pibarif p" > HRD

< "Submit your application" >

Basic details (必填)

Name: (必填)

D.O.B: (必填)

Gender: Male Female

< "Address" > (必填)

Address

< "Phone no." >

Email Id (必填)

Qualification details: (必填)

marks(%) in 10th:

marks(%) in 12th:

Selected course to apply

Select

Submit

Program No. 5-

Aim: Demonstrate a HTML program
to create a registration form.

```
<html>
<head> <title> Registration Form </title> </head>
<body style="background-color: light blue"> <br>
<form>
    <label> First name </label>
    <input type="text" name="firstname" /> <br>
    <label> Middle name </label>
    <input type="text" name="middle name" /> <br>
    <label> Last name: </label> <br>
    <input type="text" name="lastname" /> <br>
    <label> Gender: </label>
    <input type="radio" name="gender" value="male" /> Male <br>
    <input type="radio" name="gender" value="female" /> Female <br>
```

```
<input type="radio" name="gender" value="others"/>
    others <br>
<label> phone: </label> <input type="text"
    name="phone" size="10"/> <br>
<label> Address: </label>
<text area cols="80" rows="5" value="address">
</text area> <br>
<label> Email: </label>
<input type="email" id="email" name="email"/>
    <br>
<input type="button" value="submit" />
</form>
</body>
</html>
```

Result: The program has been executed
and the output was verified.

Output

First name

Middle name

Last name

Gender: ♂ Male

Female

Others

Phone :

Address :

~~Email:~~

Email :

Program - 6

Aim: Create an HTML page to explain
the use of various predefined
functions in a string and math
object in Java script.

```
<html>
<head>
</head>
<body>
<h2> math functions </h2>
<div> math.p returns the ratio of a circles
circumference to its diameter <span id="demo">
</span> </div>
<div> math round function on 4.44 gives
<span id="demo"> </span> </div> <br>
<div> math.sqrt function on 4 gives
<span id="devices"> </span>
</div>
```

`<h2> string function </h2>`

`<div> Search only in "Please only find where
'only' occurs": `

``

`</div>`

`<div> slice(7,12)"Mango, Apple, Kiwi":`

``

`</div>`

`<div> replace oracle with microsoft in`

`Please visit Oracle!": `

` </div>`

`<script>`

`document.getElementById("demo").`

`innerHTML = math.PI;`

`document.getElementById("demo1").`

`innerHTML = Math.round(4.44);`

`document.getElementById("demo2").innerHTML`

`= Math.sqrt(4);`

```
Var s = "please only find where string  
occur!";
```

```
Var po = s.search("only")  
document.getElementById("demo3").innerHTML = po;
```

```
Var string = "mango , Apple , kiwi";
```

```
Var x = string.slice(7,12);
```

```
document.getElementById("demo4").  
innerHTML = x;
```

```
Var s = "Please visit oracle";
```

```
Var n = s.replace("oracle", "microsoft");
```

```
document.getElementById("demo5").  
innerHTML = n;
```

```
</script>
```

```
</body>
```

```
</html>
```

Result : The program has been
executed and verified

Output

math functions and string functions

math pi returns the ratio of a circle's circumference to its diameter 3.14159265358

math round function on 4.44 gives 4.

math sqrt function on 4 gives 2.

Search only in "please, only find where
only" occurs : 7

slice (7,12) "mango, Apple, kiwi" : Apple

replace oracle with microsoft in "please
visit oracle" : Please visit microsoft.

Program - 7

AIM: Generate the calendar using
Javascript code by getting the
year from the user.

```
<html>
<head>
<title> My Calendar </title>
<style type="text/css">
td {
    padding: 5px;
}
th.month {
    color: #b30000;
    font-size: 18px;
    background-color: black;
}
#calendar {
    width: 100%;
}
.head {
    background:;
```

```
box-shadow : 0 4px 10px 0 rgba(0,0,0,0.4),  
             0 4px 20px 0 rgba(0,0,0,1);  
padding : 10px;  
}
```

```
#box {
```

```
background-color : green;  
color : white;
```

```
border : none;
```

```
padding : 5px
```

```
outline : none;
```

```
font-family : Courier New, "Courier, monospace";
```

```
}
```

```
</style>
```

```
</head>
```

```
<body>
```

```
<div align = 'center' style = "margin-top: 5%; ">
```

```
<div class = "head">
```

```
<b style = "font-size: 20px; font-family: "
```

```
'Courier New', courier, monospace;">
```

```
Select Year : </b>
```

```
<select id = "year">
```

```
<script>
```

```
Var year = [];
```

```
Var i;
```

```
for (i=0; i<52; i++) {
    year.push(1970+i);
}
for (i=0; i<year.length; i++) {
    document.write("<option value = " + year[i] + ">" + year[i]...
    + "</option>");
}
</script>
</select>
 &nbsp;&nbsp;
<button type="button" name="View" id="bt1" onclick="createCalendar()>View Calender
</button>
</div> <br><br><br>
<div id="calendar"> </div>
<script>
function createCalendar() {
    var month = ['January', 'February', 'March',
    'May', 'June', 'July', 'August', 'September',
    'October', 'November', 'December'];
}
```

Var ol = " ";

ol+ = "<table><tr class='month'><th>

January</th><th>February </th>

<th> March </th> April </th><th>

May </th> June </th> July </th>

</th> July </th> <th> August </th>

<th> September </th> <th> October
</th>

<th> November </th> <th> December
</th>

Var mm = j;

Var yy = document.getElementById('year').
value;

Var c = new Date(yy, mm, 1);

Var day = c.getDay();

Var i;

for(i=0; i<day; i++) {

ol+ = "<td></td>";

}

while (c.getMonth() == mm) {

ol+ = "<td>" + c.getDate() + "</td>";

if(c.getDay() % 7 == 6) {

ol+ = "</tr><tr>";

}

c. setDate(c.getDate() + 1);

}

while (c.getDate() % 7 != 6 && c.getDate() % 7 != 0) {

dt = "<dd></dd>";

c.setDate(c.getDate() + 1);

}

if (c.getDate() % 7 > 0) {

dt = "<dd></dd>";

}

dt = "<tr><td><td></td></tr>";

if (mm == 4) {

dt = "<tr><td class='month'>

<td> June </td> <td> July </td>

<td> August </td> <td> September

</td> <td> October </td> <td>

}

</td>";

else if (mm == 9) {

dt = "<tr><td class='month'>

<td> November </td> <td> December

</td> <td> </td>";

}

}

df = "</tr><tr>";

document.getElementById('calender').

innerHTML = df;

g:

</script>

</div>

</body>

</html>

Result: The program has been
executed and output was
verified.

Select year:

1970

[View calendar](#)

1971

1972

1973

1974

1975

1976

1977

1978

1979

1980

1981

Program-8

AIM: HTML program to create a registration form and to validate the form using JavaScript code.

```
<html>
<head>
<title>Welcome to Registration Form </title>
<style>
body
{
    margin: 0px;
    background-color: palevioletred;
    background-image: url('image/background.jpg');
    color: #f9fcf5;
    font-family: Arial, Helvetica, sans-serif;
}
#main {
    width: 600px;
    height: auto;
    overflow: hidden;
    padding-bottom: 20px;
    margin-left: auto;
    margin-right: auto;
    border-radius: 5px;
    padding-left: 10px;
    margin-top: 100px;
    border-top: 3px double #f1f1f1;
    border-bottom: 3px double #f1f1f1;
    padding-top: 20px;
}
```

```
#main-table {  
    font-family: "Comic Sans MS", cursive;  
}
```

```
main-tb {
```

```
    height: 28px;  
    width: 230px;  
    border: 1px solid #f26724;  
    color: #f26724;
```

```
    font-weight: bold;
```

```
    border-left: 5px solid #f7f7f7;
```

```
    opacity: 0.9;
```

```
}
```

```
#main-tb: focus {
```

```
    height: 28px;
```

```
    border: 1px solid #f26724;
```

```
    outline: none;
```

```
    border-left: 5px solid #f7f7f7;
```

```
}
```

```
#main-bts {
```

```
    width: 150px;
```

```
    height: 32px;
```

```
    outline: none;
```

```
    color: #f7f7f7
```

```
    font-weight: bold;
```

```
    border: 0px solid #f26724;
```

```
    text-shadow: 0px 0.5px 0.5px #ff8;
```

```
    -border-radius: 2px;
```

```
    font-weight: 600;
```

```
    color: #f26724;
```

```
    letter-spacing: 1px;
```

```
    font-size: 14px;
```

```
    border: 1px solid #f1f1f1;
```

```
    -webkit-transition: 1s;
```

```
    -moz-transition: 1s;
```

```
    transition: 1s;
```

```
#main, .btn, .hover {  
background-color: #F0F0F0;  
outline: none;  
border-radius: 2px;  
color: #818181;  
border: 1px solid #818181;  
-webkit-transition: 1s;  
-moz-transition: 1s;  
transition: 1s;
```

```
}
```

```
</style>
```

```
<script>  
function registration() {  
var name = document.getElementById("t1").value;  
var email = document.getElementById("t2").value;  
var uname = document.getElementById("t3").value;  
var pword = document.getElementById("t4").value;  
var cpword = document.getElementById("t5").value;  
var pwd_expression = /^(?=.*[A-Z])(?=.*[a-z])(?=.*[0-9])(?=.*[$@%&_!])$/;  
var filters = /([a-zA-Z0-9\.\-\_]) + @ ([a-zA-Z0-9\.\-]) + ([a-zA-Z0-9])  
{}  
if(name == '') {  
alert('Please enter your name');  
} else if(!letters.test(name)) {  
alert('Name field required only alphabet  
characters');  
} else if(email == '') {  
alert('Please enter your email id');
```

```
        } else if (!filter.test(email)) {
            alert("Invalid email");
        } else if (uname == '') {
            alert('Please enter the user name.');
        } else if (!letters.test(uname)) {
            alert('User name field required only alphabet characters');
        } else if (pwd == '') {
            alert('Please enter password');
        } else if (please ! pwd_expression.test(pwd)) {
            alert('Upper case, Lower case, Special character and
                  Numeric letter are required in password
                  filed');
        } else if (cpwd == '') {
            alert('Please Enter Confirm Password');
        } else if (pwd != cpwd) {
            alert('password should be matched');
        } else if (document.getElementById("ds").value.length < 6) {
            alert('password mininum length is 6');
        } else if (document.getElementById("ds").value.length > 12) {
            alert('password max length is 12');
        } else {
            alert('Thank you for Registration with
                  us');
        }
    }
```

```
function clearFunc() {
```

```
    document.getElementById("t1").value = "";
    document.getElementById("t2").value = " ";
    document.getElementById("t3").value = "";
    document.getElementById("t4").value = "";
    document.getElementById("t5").value = "";
```

```
}
```

```
</script>
```

```
</head>
```

```
<body>
```

```
    <div id="main">
```

```
        <div class="h-tag">
```

```
            <h2>Create Your Account </h2>
```

```
        </div>
```

```
        <div class="log-in">
```

```
            <table cellpadding="0" align="center"
```

```
                cellpadding="8" border="0">
```

```
<tr>
```

```
    <td align="right"> Enter Name: </td>
```

```
    <td><input type="text" placeholder="
```

```
        Enter user name here" id="t1"
```

```
        class="d1" /> </td>
```

```
</tr>
```

```
<tr>
```

```
    <td align="right"> Enter Email ID: </td>
```

```
    <td><input type="text" placeholder="
```

```
        Enter Email ID here" id="t2"
```

```
        class="d1" /> </td>
```

```
</tr>
```

<td>

<td align="right"> Enter Password : </td>
<td> input type="password" placeholder="Enter
password here" id="t8" class="fb" /></td>

</tr>

<tr>

<td align="right"> Enter Confirm Password : </td>
<td> input type="password" placeholder =
"Enter password here" id="t5" class="fb" />
</td>

</tr>

<tr>

<td></td>

<td>

<input type="reset" value="Clear Form"
onclick="clearFunc()" id="res" class="btn" />

<input type="submit" value="Clear Account"
class="btn" onclick="registration()"/><td>

</tr>

</table>

</div>

</body>

</html>

Result : The program has been executed and
output was verified

Program No. 9

AIM : Evaluate Java Script Event
Handling for every click of a
button to change the background
colour of a HTML Page.

```
<html>
  <head>
    <script type = "text/javascript">
      function func()
      {
        let color = '#'+(Math.random()*0x
          FFFF<<0).toString(16);
        document.body.style.backgroundColor = color;
      }
    </script>
    </head>
    <body>
      <center> <button style="margin-top:
        300px; padding: 15px; border-radius: 10px;
        font-family: Century Gothic;">
```

background-color: white;"
onClick="fun();"/> change color
</button> </center>
</body>
</html>

Result: The program has been
executed and output verified.

Output

22 words

6 subjects

3 objects

3 colors

apple (red), banana (yellow), orange (orange)

carrot (orange), tomato (red), potato (white)

radish (white), lettuce (green), onion (yellow)

potato (white), tomato (red), onion (yellow)

radish (white), tomato (red), onion (yellow)

Change Color

apple (red), banana (yellow), orange (orange)

(apple (red), banana (yellow), orange (orange))

radish (white), tomato (red), onion (yellow)

(radish (white), tomato (red), onion (yellow))

What's?

apple (red), banana (yellow), orange (orange)

Program-10

AIM : create a HTML page to display a new image and detect when the mouse comes over the existing content in the page using Java script Event handling.

```
<html>
<head>
<script type="text/javascript">
function ShowIt(img src)
{
document.getElementById('imageshow')
src = img src;
document.getElementById('imageshow')
style.display = 'block';
}

```

function hideId()

{

document.get Element By Id ('imageshow').
style.display = 'none';

}

</script>

<head>

<body>

<div style="text-align: center; font-family: century gothic;" on mouse over="showId()
("https://ajce.in/home/images/slide02.jpg")"

on mouse out="hideId()">
 Amol jyoti

College of Engineering

</div>


```
<image style="margin-left: 500px;"  
src = "pic3" width = "500px" height = "500px"  
id = "image show">  
</body>  
</html>
```

Result :- The program has been
executed and output was
verified

Amal Jyoti College of Engineering



Program - 11

Aim: Create a HTML page to show online exam using JavaScript

```
<html>
<head>
<title> Online exam </title>
<script language = "JavaScript">
    function exam(form) {
        var i = 0;
        if (form.one[0].checked) i = i + 1;
        if (form.three[0].checked) i = i + 1;
        if (form.four[0].checked) i = i + 1;
        if (form.five[1].checked) i = i + 1;
        window.alert ("Exam is finished... Your score is: " + i);
    }
</script>
</head>

<body bgcolor = "green">
<form onsubmit = "exam(this)">
    <center>
        <h1>WELCOME WELCOME TO EXAM</h1>
    </center>
</form>
</body>
```

```
<input type="radio" name="One" value="C++"  
id="q1" required>  
<label> C++ </label> <input type="radio" name="One"  
value="C++" "C++" "java">  
<label> java </label> <input type="radio" name="One"  
value="C++" = "C++" = "java">  
<label> C </label> <input type="radio" name="One"  
value="C" "C" "Python">  
<label> Python </label>
```

</p>

<p> <h1> 2. Which is class of all class in Java? </h1>

```
<input type="radio" name="Three" value="Object"  
id="q2" required>
```

```
<label> Object </label> <input type="radio"  
name="Three" value="math">
```

```
<label> math </label> <input type="radio" name=  
"Three" value="System">
```

```
<label> System </label> <input type="radio" name=  
"Three" value="graphics">
```

</p>

<p>

<h1> 3. Some Package is in which package? </h1>

```
<input type="radio" name="Four" value="awt"  
id="q3" value="required">
```

```
<label> awt </label> <input type="radio" name="Four"  
value="applet">
```

```
<label> applet </label> <input type="radio"
    name="four" value="swings">
<label> swings </label> <input type="radio".
    name="four" value="lang">
<label> lang </label>
</p>
<p>
<h1> 4. Java doesn't support </h1>
<input type="radio" name="five" value="inheritance"
    id="q4" required>
<label> inheritance </label> <input type="radio" name
    = "five" value="multiple inheritance">
<label> polymorphism </label> <input type="radio"
    name="five" value="multiple inheritance"
    inheritance">
<label> multiple inheritance </label> <input type="radio"
    name="five" value="encryption">
<label> encryption </label>
</p>
<center>
    <input type="submit" value="Submit">
    <input type="reset" value="Reset">
</center>
</p>
</form>
</body>
</html>
```

Result: The program has been executed and output
verified.

output

WELCOME TO EXAM

1. Which is the platform independent language?
 - C++
 - Java
 - C
 - Python
2. Which of the class of all class is Java
 - Object
 - Math
 - System
 - Graphics
3. Frame package in which package
 - awt
 - ~~applet~~
 - swing
 - lang
4. Java doesn't support,
 - Inheritance
 - Polymorphism
 - Multiple inheritance
 - Encapsulation

Program No: 12

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

<html>

<body>

<?. PHP

\$servername = "localhost";

\$username = "root";

\$password = " ";

\$dbname = "info";

\$conn = new mysqli(\$servername, \$username,

\$password, \$dbname);

if (\$conn->connect_error)

{

die ("Connection failed: ". \$conn->
connect_error);

3

```
$sql = "Select * from 'users'";
$result = $conn->query($sql);
if ($result->num_rows > 0)
{
    echo "<table border='1'>
        <tr>
            <th> Id </th>
            <th> Name </th>
            <th> Contact </th>
        </tr>";
    while ($row = mysqli_fetch_array($result))
    {
        echo "<tr>
            echo "<td>". $row['id']. "</td>";
            echo "<td>". $row['name']. "</td>";
            echo "<td>". $row['contact']. "</td>";
        echo "</tr>
    }
}
```

```
echo "</table>";
```

```
}
```

```
?>
```

```
</body>
```

```
</html>
```

Result: The program has been executed
and the output was verified.

Output

Id	Name	Contact
1	Abhiram	951678910
2	Anu	9187715610
3	John	6282395198
4	Roun	6278157810

Program - 13

AIM : Outline a registration form using PHP and do necessary validation

Validate.php

<html>

<body>

<form action = "sign up.php" method = "post">

Username: <input type = "text" name = "username" />

Email: <input type = "text" name = "email" />

Password: <input type = "password" name = "password" />

Confirm Password: <input type = "password" name = "password-confirm" />

<input type = "submit" value = "Register" />

</form>

</body>

</html>

Sign up. PHP

```
$data = & POST  
if (empty($data['username']) || empty  
    ($data['password'])) ||  
empty($data['email']) || empty  
    ($data['confirm']))  
{  
    die("please fill all request form!");  
}  
if ($data['password'] != $data['pass.  
word_confirm'])  
{  
    die("password and confirm password  
should match!");  
}
```

Result: The program has been executed
and the output was verified.

Ex - `main.go`

Output

Output : `http://127.0.0.1:5000/register`

username :	<input type="text"/>
Email :	<input type="text"/> qm.ashish1
Password :	<input type="text"/> c100d3
Confirm Password	<input type="text"/> qm.ashish1
<input type="button" value="Register"/>	

"username" = user "first" = qm "last" = ashish "email" = qm.ashish1 "password" = c100d3 "confirm_password" = qm.ashish1

c100d3 c100d3

"password" = qm.ashish1 "confirm_password" = qm.ashish1

c100d3 c100d3

"username" = qm "first" = qm "last" = ashish "email" = qm.ashish1 "password" = qm.ashish1 "confirm_password" = qm.ashish1

c100d3 c100d3

c100d3

"username" = qm "first" = qm "last" = ashish "email" = qm.ashish1 "password" = qm.ashish1 "confirm_password" = qm.ashish1

c100d3 c100d3

Program-14

AIM: Compose Electricity Bill from user input based on a given tariff using PHP.

<html>

<head>

<title> calculating 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 of:

\$ unit, '-'. \$ result,

}

}

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 (\$unit <= 50)

{

\$bill = \$units * \$unit_cost_First;

}

else if (\$units > 50 && \$unit <= 100)

{

\$temp = 30 * \$unit_cost_First;

\$remaining_units = \$units - 30;

\$bill = \$temp + (\$remaining_units *
\$unit_cost_Second)

}

else if (\$unit > 100 && \$units <= 200)

{

\$temp = (\$0 + \$unit_cost_first + (100*\$unit_cost_second));

\$remaining_units = \$units - 150;

\$bill = \$temp + (\$remaining_units * \$unit_cost_forth);

}

return number_format((float)) \$bill, 2, '.', ',');

};

<body>

<div id = "page-wrap">

<h1> Calculate Electricity Bill </h1>

<form action = "" method = "POST">

<input type = "number" name = "units"

placeholder = "Please Enter no. of units" />

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

Result: The program has been executed
and the output was verified.

Get query

total & subtot

plains Output (new) total (plains) &

x	11 (C) 11 (C) 11 (C)	11 (C) 11 (C) 11 (C)
---	----------------------	----------------------

plains 11 (C) 11 (C) 11 (C) 11 (C) 11 (C) 11 (C)

Electricity Bill
(C) 11 (C) 11 (C) 11 (C)

Please Enter Total Unit used

11 (C) 11 (C) 11 (C) 11 (C) 11 (C) 11 (C)	Submit
---	--------

Total unit used is 12

Total bill amount 240.00

(C) 11 (C) 11 (C)

including numbers in browser bar

11 (C) 11 (C) 11 (C)

11 (C) 11 (C)

Address and url or going out : 11 (C)

11 (C) 11 (C) 11 (C) 11 (C)

Programs - 15

Aim: Build a PHP code to store name of students in an array and display it using print function & sort and display the same using a sort and asort function.

<html>

<body>

<?php

\$names = array ("marcha", "akha", "milkha");

sort (\$names);

\$length = count (\$names)

for (\$x = 0; \$x < \$length; \$x++)

{

echo \$names[\$x]

echo "
";

}

```
echo "Sorted usg values";
```

```
echo "<br>"
```

```
$age = array ("matri"=>"25", "akha"=>"17"  
              "mihka"=>"23");
```

```
asort -($age)
```

```
for each ($age as $x=>$x_value)
```

```
{
```

```
echo "key" = '$x';
```

```
echo "<br>";
```

```
}
```

```
echo "<br>"
```

```
echo "sorted usg values ad id  
descending order";
```

```
echo "<br>"
```

```
$age = array ("matri"=>"25", "akha"=>  
              "17", "mihka"="23");
```

```
asort ($age)
```

```
for each ($age as $x=>$x_value )
```

```
{
```

```
echo "Hey $x, value = $x value"
```

```
echo "<br>";
```

```
}
```

```
?>
```

```
</body>
```

```
</html>
```

Result: The program has been executed and the output was verified.

Output

akku

makku

mikku.

Sorted using values

key = akku

key = makku

key = mikku

~~key~~ sorted using values ad descedg
order

key = makku, value - 28

key = mikku, value - 23

key = akku, value - 17

Program - 16

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

```
<html>
<head>
<title> Indian Cricket Team </title>
<head>
<body>
<div id = "Page-wrap">
<h1> Indian Cricket Team </h1>
<form action = "print name.php" method = "POST">
<input type = "text" name = "Pname1"
placeholder = "Enter name of a player"><br>
<input type = "text" name = "Pname2"
placeholder = "Enter name of a player"><br>
<input type = "text" name = "Pname3" placeholder
= "Enter name of a player"><br>
```

<input type = "text" name = "Pname1" .
placeholder = "Enter name of player">

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

</form

</div>

</body>

</html>

printname.php

<?php

\$name1 = \$_POST['Pname1'];

\$name2 = \$_POST['Pname2'];

\$name3 = \$_POST['Pname3'];

\$name4 = \$_POST['Pname4'];

\$name5 = \$_POST['Pname5'];

\$myArray = Array (\$name1, \$name2,

\$name3, \$name4, \$name5) ?>

```
<table border='1'>
```

```
<tr>
```

```
<th> Id </th>
```

```
<th> Name </th>
```

```
<tr> <?php
```

```
$x = 1
```

```
for($i=0 ; $i<5 ; $i++)
```

```
{ .
```

```
?>
```

```
<tr>
```

```
<td> <?php echo $x; ?> </td>
```

```
<td> <?php echo $myArray[$i]; ?>
```

```
</td>
```

```
</tr>
```

```
<?php $x += 1;
```

```
}
```

```
?>
```

```
</table>
```

Result: The program has been executed and output was verified

Output

(process 8) > -6509
(process 9) 15000
(process 10) 0 -6509

c?

Id	Name
1	Dhanvi
2	Virat
3	Sachin
4	Rohit
5	Sourav

Programs - 17

Aim: Develop web applications using HTML and PHP and deploy

```
<html>
```

```
<head>
```

```
<title> Simple web application </title>
```

```
</head>
```

```
<body>
```

```
<form action = "#" align = "center" method  
"POST">
```

```
<b> Your Salary : </b> <input type = "text"  
name = "Salary" value = "" />
```

```
<b> Total Month : </b> <input type = "text"  
name = "months" value = "" />
```

```
<input type = "Submit" name = "submit".  
value = "calculate" /> </form>
```

```
</body>
```

```
</html>
```

<? php

if (isset (\$_POST['submit']))

{

\$sal = \$_POST['salary'];

\$month = \$_POST['month'];

\$result = \$sal * \$month;

echo "your total salary is :" \$result;

? >

Result : The program has been
executed and the output was
verified.

Output

| | |
|---------------------------------|---------|
| Your Salary | 10100/- |
| Total month | 12 |
| calculate | |
| your total salary is : 121200/- | |

Program - 18

Alm. Using PHP and MySQL, develop
a program to accept book information
viz. Accession number, title, author,
edition and publisher from a webpage
and store the information in a database
and to search book with the
title specified by the user and to
display the search result with
proper headings.

DB connection .php

<? php

```
define ('DB_SERVER', 'localhost : 3306');
define ('DB_USERNAME', 'root');
define ('DB_PASSWORD', '');
define ('DB_DATABASE', 'books');

$db = mysqli_connect (DB_SERVER,
DB_USERNAME, DB_PASSWORD
DB_DATABASE);
```

9)

Enter Book . Php

<html>

<body background color = "orange">

<center><h2> Simple Library Management
System </h2> </center>

<form action = "Insert Book . php" method = "Post">

<table border = '2' align = "center" cellpadding = "5">

cell spacing = "5">

<tr>

<td> Accession No. </td>

<td> <input type = "text" name = "accession"

size = "28"> </td> </tr>

<tr> <td> Title </td>

<td> <input type = "text" name = "title"

size = "48"> </td>

</tr>

<tr>

<td> Author: </td>

```
<td> <input type="text" name="author"  
size="48" /></td>  
</tr> <br>  
<td> Edition : </td>  
<td> <input type="text" name="edition"  
size="48" /></td>  
</tr> <br>  
<td> Publication : </td>  
<td> <input type="text" name="publication"  
size="48" /></td>  
</tr> <br>  
<td> <input type="submit" value="Submit">  
<input type="Reset" value="Reset">  
</td> </tr>  
</table>  
</form>  
</body>  
</html>
```

Insert Book.php

<?php

```
include ("DB connection. php");
```

```
$ accession = $_POST["accession"];
```

```
$ title = $_POST["title"];
```

```
$ author = $_POST["author"];
```

```
$ edition = $_POST["edition"];
```

```
$ query = "insert into book_info (accession,  
title, author, edition, publication)
```

```
value ('$accession', '$title', $
```

```
author', '$edition', '$publication');
```

```
$ result = mysqli_query ($db, $query);
```

?>

Display book.php

<html>

```
<body background-color="orange">
```

```
<center> <h2> Simple Library Management  
System </h2> </center> <br>
```

<?php

```
include("DB connection.php");
$search = $_REQUEST["search"];
$query = "select * from book_info where
          title like '% $search %'";
$result = mysqli_query($db, $query);
if (mysqli_num_rows($result) > 0) {
    if (mysqli_num_rows($result) > 0) {
        ?>
    {
```

```
<table border="1" align="center"
       cellpadding="5" cellspacing="5">
<tr>
```

```
<th> Accession No. </th>
```

```
<th> Title </th>
```

```
<th> Author </th>
```

```
<th> Publication </th>
```

```
</tr>
```

```
<?php while ($row = mysqli_fetch_assoc
            ($result))
```

```
{
```

```
?>
<tr>
<td> <?php echo $row["Accession"]; ?></td>
<td> <?php echo $row['Title']; ?></td>
<td> <?php echo $row['Author']; ?></td>
<td> <?php echo $row['Edition']; ?></td>
<td> <?php echo $row['Publication']; ?>
</td>
</tr>
<?php
    } ;
```

```
else
    echo "No book found";
```

```
?>
```

```
</table>
</tbody>
</html>
```

search book.php

```
<html>
<body background-color="orange">
<center> <h2> Simple Library Management
System </h2> </center>
```

<form action="display_book.php" method="get">

<center> Enter the title of the book to
be searched :

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

size="48">

<input type="submit" value="Submit">

<input type="Reset" value="Reset">

</center>

</form> </body>

</html>

Result: The program has been executed
and the output was verified.

Output

Simple Library Management System

Accession No

Title

Author

Edition

Publication

Simple Library Management System

Enter the title of the book to be searched