# **PROGRAM NO. 8**

**Title :** Java script validation

**Objectives :** Create a HTML registration form and to validate the form using JavaScript code;

<html>

<head>

<title>Welcome To Login Form</title>

<script>

function login()

{

var uname=document.getElementById("email").value;

var pwd=document.getElementById("pwd1").value;

var filter=/^([a-zA-Z0-9\_\.\-])+\@(([a-zA-Z0-9\-])+\.)+([a-zA-Z0-9]{2,4})+$/;

if(uname =='')

{

alert("Please enter user name.");

}

else if(pwd=='')

{

alert("Enter the password");

}

else if(!filter.test(uname))

{

alert("Enter valid email id.");

}

else if(pwd.length<6||pwd.length>6)

{

alert("password min and max length is 6.");

}

else

{

alert("Login Success");

}

}

function clearFunc()

{

document.getElementById("email").value="";

document.getElementById("pwd1").value="";

}

</script>

</head>

<body>

<div id="main">

<div class="h=tag">

<h2 align="center">Welcome To My Account Login</h2>

</div>

<div class="login">

<table cellspacing="2" align="center" cellpadding="8" border="0">

<tr>

<td>Enter User Name:</td>

<td><input type="text" placeholder="Enter user name here." id="email" class="tb"/></td>

</tr>

<tr>

<td>Enter Password:</td>

<td><input type="text" placeholder="Enter password here." id="pwd1" class="tb"/></td>

</tr>

<tr><td></td>

<td>

<input type="submit" value="Reset" onClick="clearFunc()" class="btn"/>

<input type="submit" value="Login" class="btn" onClick="login()"/></td></tr>

</table>

</div>

</div>

</body></html>

# **PROGRAM NO. 9**

**Title :** Background color change using js event handling.

**Objectives :** Create a HTML page to change the background color for every click of a button using JavaScript Event Handling.

## **Input:**

<html>

<head>

<title>Change the Background Color with JavaScript</title>

<script>

function changeBodyBg(color)

{

    document.body.style.background = color;

}

</script>

</head>

<body>

<h1>Welcome to my page</h1>

<label>Change Webpage Background To:</label>

<button type="button" onclick="changeBodyBg('yellow');">Yellow</button>

<button type="button" onclick="changeBodyBg('lime');">Lime</button>

<button type="button" onclick="changeBodyBg('orange');">Orange</button>

</body>

</html>

# **PROGRAM NO. 10**

**Title :** Java script event handling.

**Objectives :** 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.

## **Input:**

<html>

<head>

<script type="text/javascript">

function over()

{

    document getElementById('key').innerHTML= "Onmouseover event has occurred";

}

function out()

{

    document.getElementById('key').innerHTML= "Onmouseout event has occurred";

}

</script>

</head>

<body bgcolor="cyan">

<h2 id="key" onmouseover="over()" onmouseout="out()">

Original Text</h2>

</body>

</html>

# **PROGRAM NO. 11**

Write a javascript program to turn on or off bulbs.

<!DOCTYPE html>

<html lang="en">

<head>

<title>Bulb ON/OFF</title>

</head>

<body>

<script>

function turnOnOff() {

let image = document.getElementById("Image");

if (image.src.includes("ONbulb.jpg"))

{

image.src = "offmode.jpg";

}

else {

image.src = "ONbulb.jpg";

}

}

</script>

<img id="Image"

onclick="turnOnOff()"

src="offmode.jpg"

alt="Bulb"

width="200"

/>

<p>Click on the bulb to turn it ON and OFF</p>

</body>

</html>

**PROGRAM NO:12**

Create a HTML page to show online exam using JavaScript.

<html>

<head>

<title>Exam</title>

<script language="javascript"> function exam(form)

{

var i=0;

if (form.one [2]. 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("Thank You For Taking This Online Exam!!!!Your Score is:"+i);

}

</script>

</head>

<body bgcolor=silver>

<form onSubmit="exam(this)">

<center><h1><blink>WELCOME TO ONLINE EXAM FORM</blink></h1></center>

<p>

<h1>1)Which is platform independent language</h1>

<input type="radio" name="one" value="c++">

<label>c++</label>

<input type="radio" name="one" value="c">

<label>c</label>

<input type="radio" name="one" value="java">

<label>java</label>

<input type="radio" name="one" value="basic">

<label>basic</label>

</p>

<p>

<h1>2)Which is class of all class in java</h1>

<input type="radio" name="three" value="object">

<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="graphic">

<label>Graphic</label>

</p>

<p>

<h1>3)Frame package is in which package</h1>

<input type="radio" name="four" value="awt">

<label>AWT</label>

<input type="radio" name="four" value="applet">

<label>Applet</label>

<input type="radio" name="four" value="lang">

<label>Lang</label>

<input type="radio" name="four" value="swing">

<label>Swing</label></p>

<p>

<h1>4)Java does not support</h1>

<input type="radio" name="five" value="inheritance">

<label>Inheritance</label>

<input type="radio" name="five" value="multiple inheritancet">

<label>Multiple Inheritance</label>

<input type="radio" name="five" value="Polymorphism">

<label>Polymorphism</label>

<input type="radio" name="five" value="Encryption">

<label>Encryption</label></p>

</p>

<p>

<center>

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

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

</center>

</p>

</body>

</html>

**Program no 13**

Develop a registration form using PHP and do necessary validations.

<html>

<head></head>

<title></title>

<body>

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

enter id<input type="text" name="eid"><br>

enter name<input type="text" name="ename"><br>

enter dept<input type="text" name="dept"><br>

enter salary<input type="text" name="sal"><br><br>

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

</form>

</body>

</html>

<?php

$servername="localhost";

$username="root"; $password="";

$dbname="empdb";

$tbname="emp";

$conn=mysqli\_connect($servername,$username,$password,$dbname);

if(!$conn)

{

die("Connection failed".mysqli\_connect\_error());

}

else

{

echo "<br><h2 align=center>connected...</h2><br/>";

}

$id=$\_POST['eid'];

$name=$\_POST['ename'];

$dep=$\_POST['dept'];

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

//$sql=mysqli\_select\_db("$dbname")die("Couldnt select db");

$query="INSERT INTO emp(eid,ename,dept,sal)

VALUES('".$id."','".$name."','".$dep."','".$salary."')";

$res=mysqli\_query($conn,$query);

if($res)

{

echo "SUBMITTED SUCCESSFULLY!!";

}

else

{ echo "ERROR";

}

mysqli\_close($conn);

?>

**Program No 14**

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

<html>

<body>

<h1>Electricity Bill</h1>

<form method="post" action="#">

Consumer ID:<input type="number" name="id"><br>

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

Previous Reading:<input type="number" name="prev"><br>

Present Reading:<input type="number" name="pres"><br><br><input

type="submit">

</form>

<?php

if($\_SERVER["REQUEST\_METHOD"]=="POST")

{

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

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

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

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

$units=$pres-$prev;

echo"\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_";

echo"<h3>Kerala State Electricity Board(KSEB)</h3>";

echo"<br><br>";

echo"Consumer ID:".$id."<br>";

echo"Consumer name:".$name."<br>";

echo"Units Consumed:".$units."<br>";

if($units<=100)

{

$amt=$units\*3;

}

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

{

$amt=$units\*4;

}

else if($units>200&&$units<=300)

{

$amt=$units\*5;

}

else

{

$amt=$units\*6;

}

echo"<h4>Total:Rs.".($amt)."</h4><br>";

echo"\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_";

}

?>

</body>

</html>

**Program 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.

*//asort() is used to sort an associative array in ascending order, according to its values.*

*// arsort() function is used to sort an associative array in descending order based on its values.*

<?php

echo "Sorting array<br/>";

echo "=============<br/>";

$stud=array("Nidhi","Sreelekshmi","Agna","Riya","Christy");

echo "Displaying array using print\_r():";

print\_r($stud); // *the function print\_r() is used to print human-readable information about a variable, especially arrays and objects.*

echo "<br>Array in ascending order:<br/>";

asort($stud);

print\_r($stud);

echo "<br>Array in descending order:<br/>";

arsort($stud);

print\_r($stud);

?>

**Program 16**

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

Input:

<?php

$cricket=array("Virat","Dhoni","Sachin","Sehwag");

echo "<br>Displaying names in table format<br/>";

echo "<br>==========================<br/>";

echo "<br>Names of cricket players as stored in an array:<br/>";

print\_r($cricket);

echo "<br><br>Names of cricket players as stored in a table:<br/>";

echo "<br><table border=2><tr><th>Player Names</th></tr><br/>";

echo "<tr><td>$cricket[0]</td></tr>";

echo "<tr><td>$cricket[1]</td></tr>";

echo "<tr><td>$cricket[2]</td></tr>";

echo "<tr><td>$cricket[3]</td></tr>";

echo "</table>";

?>

**Program 17**

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

<?php

$servername="localhost";

$username="root";

$password="";

$dbname="empdb";

$tbname="emp";

$conn=mysqli\_connect($servername,$username,$password,$dbname);

if(!$conn)

{

die("Connection failed".mysqli\_connect\_error());

}

else

{

echo"<br><h2 align=center>EMPLOYEE DETAILS</h2><br/>";

}

$sql="SELECT\*FROM emp";

$res=mysqli\_query($conn,$sql);

if(mysqli\_num\_rows($res)>0)

{

echo"<table border=2 align=center>";

echo"<tr><th>Employee ID</th>";

echo"<th>Employee name</th>";

echo"<th>Department</th>";

echo"<th>Salary</th></tr>";

while($row=mysqli\_fetch\_assoc($res))

{

echo"<tr><td>$row[eid]</td>";

echo"<td>$row[ename]</td>";

echo"<td>$row[dept]</td>";

echo"<td>$row[sal]</td></tr>";

}

echo"</table>";

}

else

{

echo"0 results";

}

mysqli\_close($conn);

?>