# **PROGRAM NO. 8**

**Title :** Java script validation

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

## **Input:**

<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>