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**LAB ACTIVITY-3**

**(JAVASCRIPT)**

**SOURCE CODE:**

<!DOCTYPE html>

<html>

<head>

<script type="text/javascript">

function hello(form)

{

var regex1 = /[a-zA-Z ]{1,20}/;

var regex2 = /[A-Za-z0-9 ]{3,10}/;

var regex3 = /[A-Za-z][A-Za-z0-9]{1,20}@[A-Za-z]{1,10}.[a-zA-Z]{2,4}/;

var regex4 = /[0-9]{10}/;

var regex5 = /[h][t][t][p][s][:][/][/][w]{3}.[A-Za-z0-9]{1,20}.[a-zA-Z]{2,4}/;

if(form.username.value == "")

{

alert("Enter your username");

form.username.focus();

return false;

}

if(regex1.test(form.username.value)==false)

{

alert("First name should contain alphabetic characters!");

form.username.focus();

return false;

}

if(form.password.value == "")

{

alert("Enter your password");

form.password.focus();

return false;

}

if(regex2.test(form.password.value) == false)

{

alert("Password should be 3-10 characters only!");

form.password.focus();

return false;

}

if(form.emailid.value == "")

{

alert("Enter the email");

form.emailid.focus();

return false;

}

if(regex3.test(form.emailid.value) == false)

{

alert("email should be of the form fayeed@xyz.com");

form.emailid.focus();

return false;

}

if(form.mobno.value == "")

{

alert("Enter the Mobile Number");

form.mobno.focus();

return false;

}

if(regex4.test(form.mobno.value) == false)

{

alert("Mobile No should be of 10 digits");

form.mobno.focus();

return false;

}

if(form.weburl.value == "")

{

alert("Enter the value in Web Address");

form.weburl.focus();

return false;

}

if(regex5.test(form.weburl.value) == false)

{

alert("The format should be http://www.abc.com");

form.weburl.focus();

return false;

}

return true;

}

</script>

<style>

body {

text-align:left;

background-color: gray;

}

input{

text-align:left;

width: 50%;

padding: 12px 20px;

margin: 8px 0;

display: inline-block;

border: 1px solid #ccc;

border-radius: 4px;

box-sizing: border-box;

}

input:not(focus) {

background: url("symbol.png") right;

background-repeat: no-repeat;

background-origin: content-box;

background-color: white;

border: 2px solid grey;

border-radius: 4px;

}

input:focus {

border: 2px solid #00ff00;

border-radius: 4px;

}

input:valid {

background: url("valid.png") right;

background-repeat: no-repeat;

background-origin: content-box;

background-color: white;

border: 2px solid green;

border-radius: 4px;

}

input:focus:invalid {

background: url("invalid.png") right;

background-repeat: no-repeat;

background-origin: content-box;

background-color: white;

border: 2px solid red;

border-radius: 4px;

}

input[type=submit] {

width: 40%;

background: none;

background-color: rgb(255, 71, 45);

text-align:center;

color: white;

padding: 14px 20px;

margin: 8px 0;

border: none;

border-radius: 4px;

cursor: pointer;

}

div {

border-radius: 15px 50px 30px 5px;

background-color: #f2f2f2;

margin: 0px 0px 0px 350px;

padding: 20px;

width: 50%;

box-shadow: 1px 1px 5px #888888;

}

</style>

</head>

<body>

<div id="form"><center>

<h1 style="border:1px solid red;border-radius: 12px;background-color:rgb(255, 71, 45) ;color: white; width:80%; ">HTML and CSS Form Validation</h1>

<form name="alphaTest" method="post" action="http://someserver.com/login/pl" onsubmit="return hello(this)">

<input type="text" name="username" pattern="[A-Za-z]{3,10}" title="Username should be 3-10 letters only" required placeholder="Username" ><br>

<input type="password" name="password" pattern="[A-Za-z]{3,10}" title="Password should be 3-10 letters only" required placeholder="Password"><br>

<input type="email" name="emailid" required placeholder="Email ID"><br>

<input type="text" name="mobno" pattern="[0-9]{10}" title="Mobile number should be 10 digits" required placeholder="Mobile Number"><br>

<input type="url" required placeholder="Web Address"><br>

<input type="submit" value="Sign In"><br>

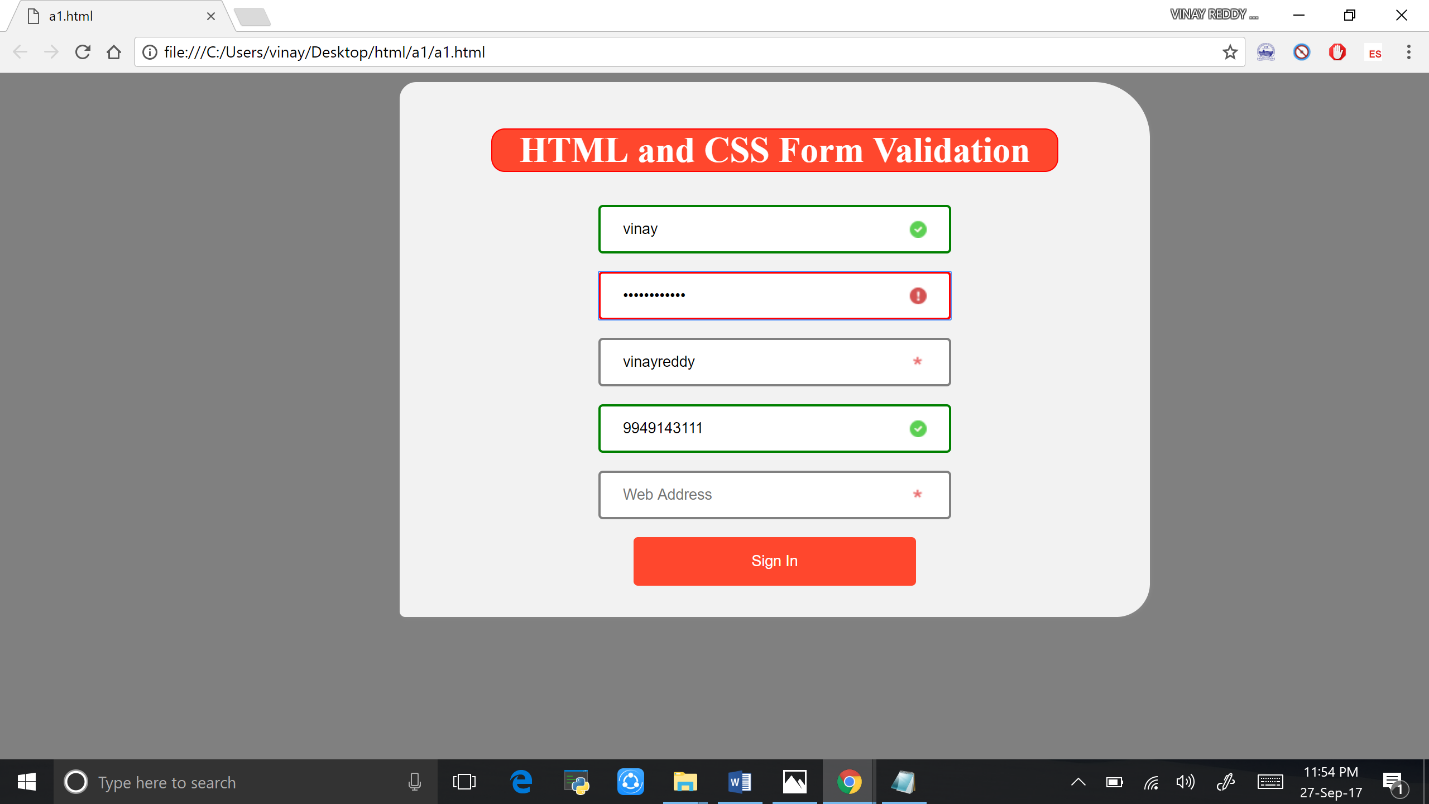
</form>

</div>

</body>

</html>

**OUTPUT:**

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