

LAB ASSIGNMENT – 8

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20BAI1112

Qu1)

CODE:

```
<!DOCTYPE html>

<html lang="en">

<head>

<title>20BAI1112</title>

<script>

n = 1

function CreateRow()

{

var tab = document.getElementById("mytable");

var row = tab.insertRow(n);

var cell1 = row.insertCell(0);

var cell2 = row.insertCell(1);
```

```
cell1.innerHTML = "Cell 1";
```

```
cell2.innerHTML = "Cell 2";
```

```
n = n+1;
```

```
}
```

```
function DeleteRow()
```

```
{
```

```
rowno = prompt("Insert which row you want to delete");
```

```
document.getElementById("mytable").deleteRow(rowno);
```

```
n = n-1;
```

```
}
```

```
//
```

```
document.getElementById("createButton").addEventListener("mouseover",  
function() {
```

```
// document.getElementById("createButton").style.backgroundColor =  
"green";
```

```
// });
```

```
// document.getElementById("deleteButton").addEventListener("mouseout",  
function() {
```

```
// document.getElementById("deleteButton").style.backgroundColor = "red";
```

```
//});
```

```
function CreateButtonsTextbox()
{
    let btn = document.createElement("button");
    btn.innerHTML = "Create Row";
    btn.style.backgroundColor = "red";
    btn.id = "createButton";
    btn.onclick = function () {
        var tab = document.getElementById("mytable");
        var row = tab.insertRow(n);
        var cell1 = row.insertCell(0);
        var cell2 = row.insertCell(1);

        cell1.innerHTML = "Cell 1";
        cell2.innerHTML = "Cell 2";
        n = n+1;

    };
};
```

```
btn.onmouseover = function() {  
  document.getElementById('createButton').style.backgroundColor = 'Green';  
  
}
```

```
btn.onmouseout = function() {  
  document.getElementById('createButton').style.backgroundColor = 'Red';  
  
}
```

```
document.body.appendChild(btn);
```

```
let btn2 = document.createElement("button");  
btn2.innerHTML = "Delete Row";  
btn2.id = "deleteButton";
```

```
btn2.onclick = function () {  
    rowno = prompt("Insert which row you want to delete");  
    document.getElementById("mytable").deleteRow(rowno);  
    n = n-1;  
  
};
```

```
document.body.appendChild(btn2);
```

```
const input = document.createElement("input");  
input.setAttribute("type", "text");  
input.style.backgroundColor = "green";  
input.onfocus = function() {  
    input.style.backgroundColor = "yellow";  
}  
  
input.onchange = function() {  
    document.getElementById("greeting").innerHTML = "Welcome User";  
}
```

```
document.body.appendChild(input);
```

```
}
```

```
function ChangeColor()
```

```
{
```

```
document.getElementById('createButton').style.backgroundColor = 'Green';
```

```
}
```

```
function ChangeBackColor()
```

```
{
```

```
document.getElementById('createButton').style.backgroundColor = 'Red';
```

```
}
```

```
</script>
```

```
</head>
```

```
<body onload = "CreateButtonsTextbox()">
```

```
<table id = "mytable" border="1">
```

```
<tr>
```

```
<th>Column 1</th>
```

```
<th>Column 2</th>
```

```
</tr>
```

```
</table>
```

```
<br>
```

```
<br>
```

```
<p id = "greeting"></p>
```

```
<!-- <button onclick="CreateRow()" onmouseover="ChangeColor()"
onmouseout = "ChangeBackColor()" id="createButton" style="background-
color: red;">Create row</button> -->

<!-- <button onclick="DeleteRow()" id="deleteButton">Delete row</button> -
->

</body>

</html>
```

OUTPUT:

| Column 1 | Column 2 |
|----------|----------|
| Cell 1 | Cell 2 |

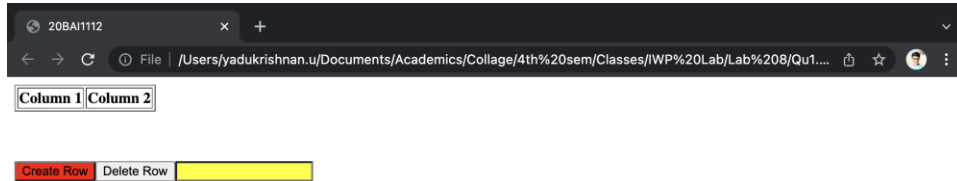
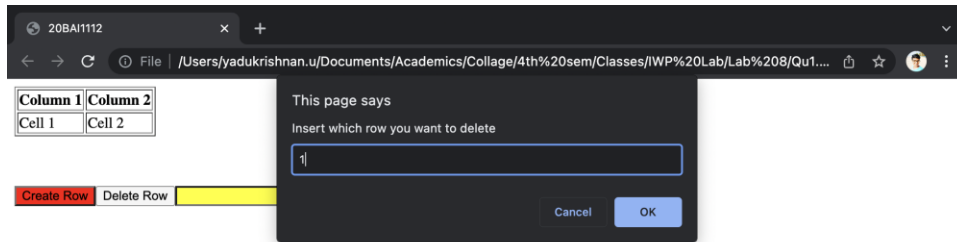
Create Row

Delete Row

| Column 1 | Column 2 |
|----------|----------|
| Cell 1 | Cell 2 |

Create Row

Delete Row



Qu2)

CODE:

```
<!DOCTYPE html>

<html lang="en">

<head>

<title>20BAI1112</title>

<script>

    bal = 10000

    function withdraw()

    {

        amt = parseInt(document.getElementById("amount").value);

        try{

            if(amt>bal)

            {

                throw "Amount withdraw failure";

            }

            else{

                bal = bal - amt;

                alert("Withdraw Successful");

            }

        }

    }

}
```

```
catch(err) {  
  alert(err);  
}  
}
```

```
</script>
```

```
</head>
```

```
<body>
```

```
<h2>Online Banking Portal</h2>
```

```
<form action="">
```

```
<table>
```

```
<tr>
```

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

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

```
</tr>
```

```
<tr>
```

```
<th>Account No: </th>
```

```
<td><input type="number"></td>
```

```
</tr>
```

```
<tr>
```

```
<th>Amount to withdraw: </th>
```

```
<td><input type="number" id = "amount"></td>
```

```
</tr>
```

```
<tr>
```

```
<td><Button type = "button" onclick =  
"withdraw()">Withdraw</Button></td>
```

```
</tr>
```

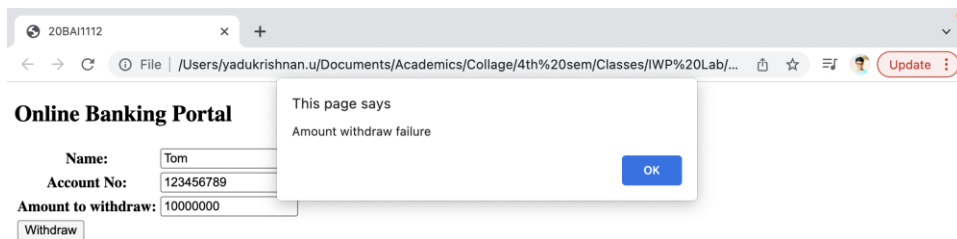
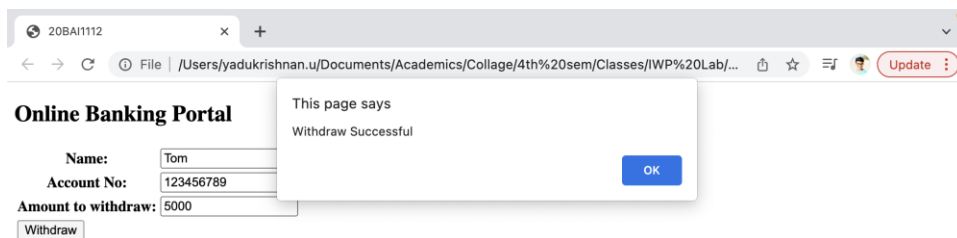
```
</table>
```

```
</form>
```

```
</body>
```

</html>

OUTPUT:



Qu3)

CODE:

```
<!DOCTYPE html>

<html>

<head>

<meta charset="utf-8">

<meta name="viewport" content="width=device-width, initial-scale=1">

<title>20BAI1112</title>

<style type="text/css">
```

```
.body-container

{

width: 45%;

margin: 30px auto;

}
```

```
#f2
```

```
{
```

```
width: 20%;
```

```
margin: 20px auto;
```

```
}
```

```
.field_div
```

```
{
```

```
width: 25%;
```

```
align-items: center;
```



```
}
```

```
</style>
```

```
<script type="text/javascript">
```

```
function startTime() {  
    var d = new Date();  
    var h = d.getHours();  
    var m = d.getMinutes();  
    var s = d.getSeconds();  
    document.getElementById('txt').innerHTML = "Time : "  
    h + ":" + m + ":" + s;  
    var t = setTimeout(startTime, 1000);
```

```
}
```

```
function validate_pan_no()
```

```
{
```

```
var obj = document.getElementById("pan_no").value;
```

```
if(obj!="")
```

```
{
```

```
var panPatt = /^[a-zA-Z]{5})(\d{4})([a-zA-Z]{1})$/;
```

```
if(obj.search(panPatt)==-1)
```

```
{
```

```
document.getElementById("p_pan").innerHTML = "<font  
color=\"red\">Invalid PAN no</font>";
```

```
}
```

```
else
```

```
{
```

```
document.getElementById("p_pan").innerHTML = "";
```

```
}
```

```
}
```

```
else
```

```
{
```

```
document.getElementById("p_pan").innerHTML = "<font  
color=\"red\">Please Enter your PAN No</font>";
```

```
}
```

```
}
```

```
function validate_email()
```

```
{
```

```
var email_id = document.getElementById("email").value;
```

```
atpos = email_id.indexOf("@");
```

```
dotpos = email_id.lastIndexOf(".");
```

```
if(atpos < 1 || (dotpos-atpos < 2))
```

```
{
```

```
document.getElementById("p_email").innerHTML = "<font  
color=\"red\">Invalid Email Id</font>";
```

```
}
```

```
else
```

```
{
```

```
document.getElementById("p_email").innerHTML = "";
```

```
}
```

```
}
```

```
function validate_phno()
```

```
{
```

```
var obj = document.getElementById("phno").value;
```

```
if(obj!="")
```

```
{
```

```
var patt = /^[1-9][0-9]{9}$/;
```

```
if(obj.search(patt)==-1)
```

```
{
```

```
document.getElementById("p_phno").innerHTML = "<font  
color=\"red\">Invalid Phone No</font>";
```

```
}
```

```
else
```

```
{
```

```
document.getElementById("p_phno").innerHTML = "";
```

```
}
```

```
}
```

```
else
```

```
{
```

```
document.getElementById("p_phno").innerHTML = "<font  
color=\"red\">Please Enter your Phone Number</font>";  
}
```

```
}
```

```
function validate_name() {  
var obj = document.getElementById("nam").value;
```

```
if(obj!="")
```

```
{
```

```
var patt = /^[A-z a-z]{1,15}$/;
```

```
if(obj.search(patt)==-1)
```

```
{  
  
document.getElementById("p_nam").innerHTML = "<font  
color=\"red\">Invalid Name </font>";
```

```
}
```

```
else
```

```
{  
  
document.getElementById("p_nam").innerHTML = "";
```

```
}
```

```
}
```

```
else
```

```
{  
  
  
  
  
  
  
  
  
document.getElementById("p_nam").innerHTML = "<font  
color=\"red\">Please Enter your Name</font>";  
  
}
```



```
}
```

```
function validate_zip()
```

```
{
```

```
var obj = document.getElementById("zip_code").value;
```

```
if(obj!="")
```

```
{
```

```
var patt = /^[1-9][0-9]{5}$/;
```

```
if(obj.search(patt)==-1)
```

```
{
```

```
document.getElementById("p_zip").innerHTML = "<font  
color=\"red\">Invalid format of ZIP Code</font>";
```

```
}
```

```
else
```

```
{
```

```
document.getElementById("p_zip").innerHTML = "";
```

```
}
```

```
}
```

```
else
```

```
{
```

```
document.getElementById("p_zip").innerHTML = "<font color=\"red\">Please  
Enter your ZIP Code</font>";
```

```
}
```

```
}
```

```
function validate_pwd(){
```

```
var pswd = document.getElementById("pwd").value;
```

```
var pswd2 = document.getElementById("pwd");
```

```
if(pswd.length < 15 && pswd.length > 8)
```

```
{
```

```
var char_patt = /[A-Z a-z]{1,}/;
```

```
if(pswd.search(char_patt) == -1)
```

```
{
```

```
document.getElementById("p_pwd").innerHTML="<font  
color=\"red\">Password must contain atleast one character</font>";
```

```
}
```

```
else
```

```
{
```

```
var num_patt = /[0-9]{1,}/;
```

```
if(pswd.search(num_patt)==-1)
```

```
{
```

```
document.getElementById("p_pwd").innerHTML="<font  
color=\"red\">Password must contain atleast one number</font>";
```

```
}
```

```
else
```

```
{
```

```
var special_patt = /[!&^%$%#@!()'?><+\']{1,}/;
```

```
if(pswd.search(special_patt)==-1)
{
    document.getElementById("p_pwd").innerHTML="<font
    color=\"red\">Password must contain atleast one special character</font>";

}
else
{
    document.getElementById("p_pwd").innerHTML="<font
    color=\"green\">Password is strong </font>";

}

}

}
```

```
}
```

```
else
```

```
{
```

```
document.getElementById("p_pwd").innerHTML="<font  
color=\"red\">Password length must be between 8 and 15</font>";
```

```
}
```

```
}
```

```
</script>
```

</head>

<body onload="startTime()">

<div class="body-container">

<fieldset>

<h3>Test Javascript Form
Validation</h3>

<div class="field_div">

<fieldset><div
id="txt"></div></fieldset>

</div>

Name*    
      

<input type="text" id="nam" name="nam" onfocusout="validate_name()">

<p id="p_nam"></p>

Address         

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

Zip Code*    
     

<input type="text" id="zip_code" name="zip_code"
onfocusout="validate_zip()">

<p id="p_zip"></p>

Country*    
      

<select name="country" id="country">

<option>India</option>

<option>United States of America</option>

<option>Israel</option>

</select>

Gender*    
      

```
<input type="radio" id="male" name="gender" value="male">
```

```
<label for="male">Male</label>
```

```
<input type="radio" id="female" name="gender" value="female">
```

```
<label for="female">Female</label>
```

```
&emsp;&emsp;&emsp;Pan No &emsp;
```

```
<input type="text" id="pan_no" name="pan_no"  
onfocusout="validate_pan_no()">
```

```
<font style="font-size: 15px;text-align: right;"><div  
id="p_pan"></div></font>
```


Preferences*    
   

<input type="checkbox" id="red" name="color">
<label for="red">Red</label>

<input type="checkbox" id="green" name="color">
<label for="green">Green</label>

<input type="checkbox" id="blue" name="color">
<label for="blue">Blue</label>

Phone*    
     

```
<input type="text" id="phno" name="mob_no"
onfocusout="validate_phno()">
```

```
<p id="p_phno"></p>
```

```
<br>
```

```
Email<font color="red">*</font> &emsp; &emsp;
&emsp;&emsp;&emsp;&emsp;&emsp;
```

```
<input type="text" id="email" name="email" onfocusout="validate_email()">
```

```
<p id="p_email"></p>
```

```
<br>
```

password (8-15 characters)*

<input type="password" id="pwd" name="pwd"
onfocusout="validate_pwd()">

<p id="p_pwd"></p>

Verify password*      

<input type="password" name="v_pwd">

```
<button type="button">Send</button>
```

```
&ensp;
```

```
<button type="button">Clear</button>
```

```
</fieldset>
```

```
</div>
```

```
</body>
```

```
</html>
```

OUTPUT:

20BA11112 x +

File /Users/yadukrishnan.u/Documents/Academics/Collage/4th%20sem/Classes/IWP%20Lab/Lab%208/Qu3...

Test Javascript Form Validation

Time :
21:31:17

Name*

Please Enter your Name

Address

Zip Code*

Country*

Gender* ☐ Male ☐ Female Pan No

Preferences* ☐ Red ☐ Green ☐ Blue

Phone*

20BA11112 x +

File /Users/yadukrishnan.u/Documents/Academics/Collage/4th%20sem/Classes/IWP%20Lab/Lab%208/Qu3...

Name*

Address

Zip Code*

Country*

Gender* ☒ Male ☐ Female Pan No

Invalid PAN no

Preferences* ☐ Red ☐ Green ☐ Blue

Phone*

Email*

password (8-15 characters)*

Verify password*

Send Clear

20BAI1112 x pancard no example - Google x +

File /Users/yadukrishnan.u/Documents/Academics/Collage/4th%20sem/Classes/IWP%20Lab/Lab%208/Qu3...

Name* Yadu Krishnan U

Address Yadukulam, Kalavoor

Zip Code* 688522

Country* India

Gender* ☒ Male ☐ Female Pan No ABCTY1234D

Preferences* ☒ Red ☐ Green ☒ Blue

Phone* 1234567890

Email* yadus2002@gmail.com

password (8-15 characters)* *****

Password must contain atleast one character

Verify password*

Send Clear

20BAI1112 x pancard no example - Google x +

File /Users/yadukrishnan.u/Documents/Academics/Collage/4th%20sem/Classes/IWP%20Lab/Lab%208/Qu3...

Address Yadukulam, kalavoor

Zip Code* 688522

Country* India

Gender* ☒ Male ☐ Female Pan No ABCTY1234D

Preferences* ☒ Red ☐ Green ☒ Blue

Phone* 1234567890

Email* yadus2002@gmail.com

password (8-15 characters)* *****

Password is strong

Verify password* *****

Send Clear