

Programme	: B.Tech.	Semester	: Fall 22-23
Course	: CSE3002: Internet and Web Programming Lab	Slot	: L9+L10
Faculty	: Dr. M. Premalatha	Marks	: 10

Date: 06-09-2022
Advait Deochakke

Exercise –6

HTML – Javascript

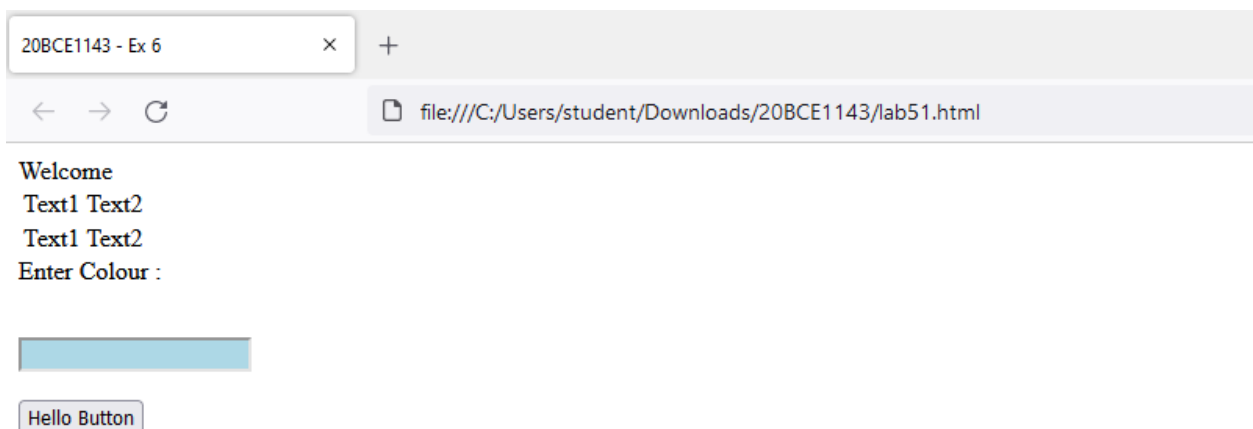
Note:

- View your registration number in the title bar and snap a screenshot of output along with the title bar.
- Screenshot is required for every modifications of the web page.

1. Write a JavaScript to

- Create a dynamic table with two rows and two columns
- Change the color of the Button from red to green color on Mouse Over.
- Change the color of the Textbox from green to yellow color on Focus and display a greeting message on Change

Note: Both button and textbox should be created using CreateElement



20BCE1143 - Ex 6 × +

← → ↻ file:///C:/Users/student/Downloads/20BCE1143/lab51.html

Welcome
Text1 Text2
Text1 Text2
Enter Colour :

You wrote: Red

Red

Hello Button

20BCE1143 - Ex 6 × +

← → ↻ file:///C:/Users/student/Downloads/20BCE1143/lab51.html

Welcome
Text1 Text2
Text1 Text2
Enter Colour :

You wrote: Red

Red

Hello Button

20BCE1143 - Ex 6 × +

← → ↻ file:///C:/Users/student/Downloads/20BCE1143/lab51.html

Welcome
Text1 Text2
Text1 Text2
Enter Colour :
You wrote: Red

Red

Hello Button

20BCE1143 - Ex 6 × +

← → ↻ file:///C:/Users/student/Downloads/20BCE1143/lab51.html

Welcome
Text1 Text2
Text1 Text2
Enter Colour :
You wrote: Red

Red

Hello Button

Code:

```
<head>
  <title>20BCE1143 - Ex 6</title>
  <style>
    input{
      background-color: lightblue;
    }
  </style>
</head>
```

```

        input:focus{
            background-color: lightpink;
        }
    </style>
</head>
<body>
    Welcome
    <br>
    <script>
        var table = document.createElement('table');
        table.id="mytable";
        for (var i = 1; i < 3; i++){
            var tr = document.createElement('tr');

            var td1 = document.createElement('td');
            var td2 = document.createElement('td');

            var text1 = document.createTextNode('Text1');
            var text2 = document.createTextNode('Text2');

            td1.appendChild(text1);
            td2.appendChild(text2);
            tr.appendChild(td1);
            tr.appendChild(td2);

            table.appendChild(tr);
        }
        document.body.appendChild(table);
    </script>
    Enter Colour : <br>
    <p id="demo"></p>

    <br>
    <script>
        const tbx = document.createElement("input");
        tbx.type="text";
        tbx.id="tbx";
        tbx.oninput=function(){myfun()};
        document.body.appendChild(tbx);
    </script>
    <script>
        function myfun() {
            var x = document.getElementById("tbx").value;
            document.getElementById("demo").innerHTML = "You wrote: " + x;
        }
    </script>

```

```

</script>
<br><br>
<script>
    const btn = document.createElement("button");
    btn.id="btn";
    btn.onclick=function(){myfun2()};
    btn.onmouseover=function(){myfun3()};
    btn.innerHTML = "Hello Button";
    document.body.appendChild(btn);
</script>
<script>
    function myfun2() {
        var x = document.getElementById("tbx").value;
        document.getElementById("mytable").setAttribute("style",
"background-color:red;");
    }
</script>
<script>
    function myfun3() {
        document.getElementById("btn").setAttribute("style",
"background-color:blue;");
    }
</script>
</body>

```

2. Devise a program to withdraw the amount from the bank account. While withdraw, the program should check the amount in the account. If the amount in the account is greater than the amount entered then raise the exception “Amount withdraw failure” else withdraw the amount.

20BCE1143 - Ex 6 × +

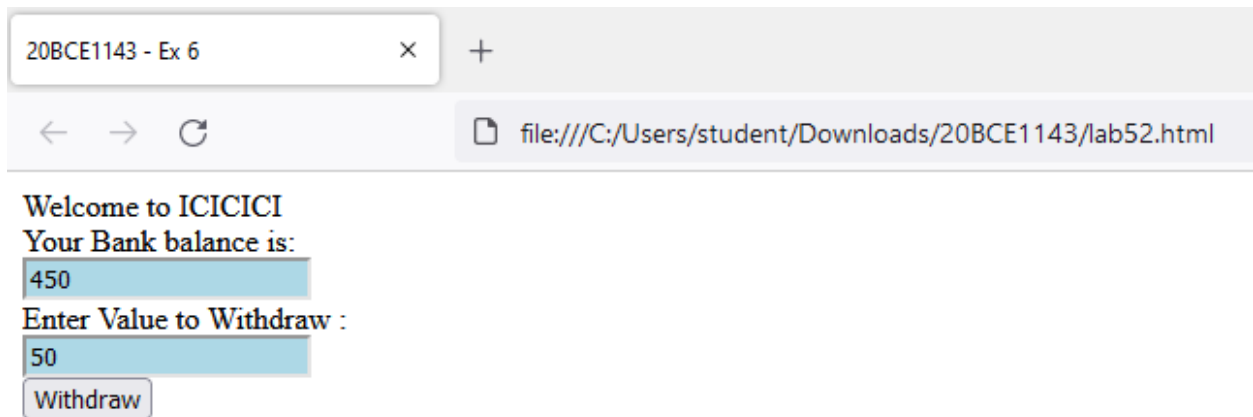
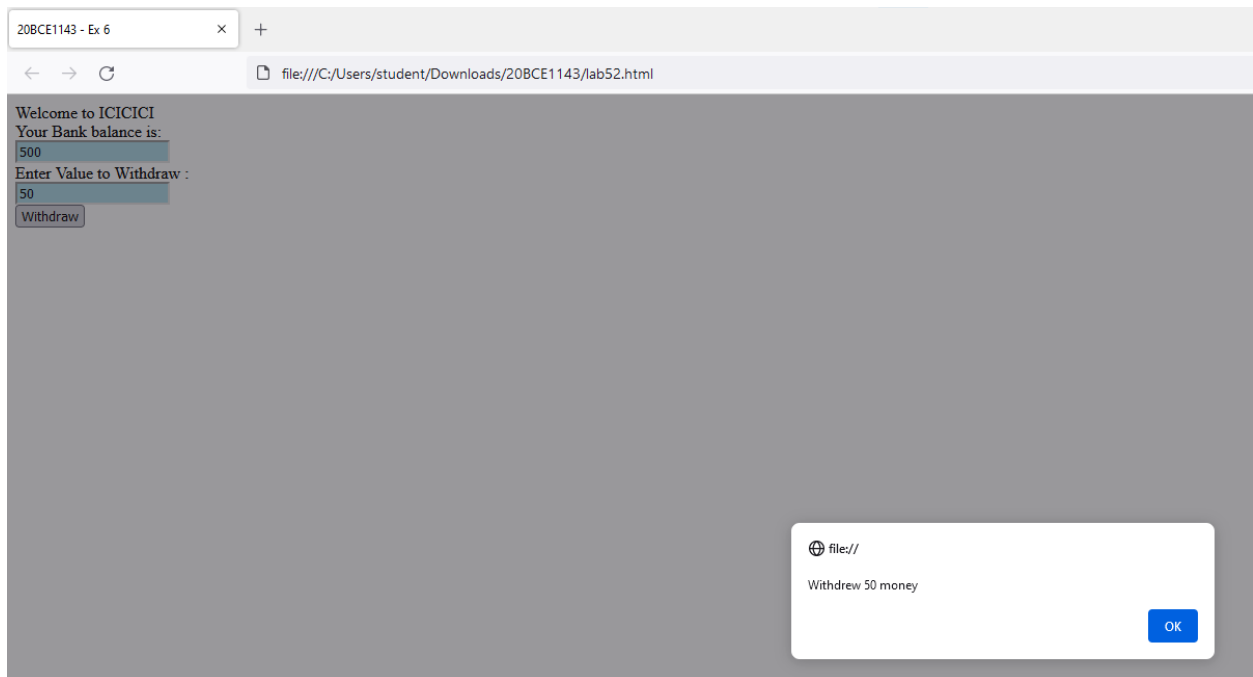
← → ↻ file:///C:/Users/student/Downloads/20BCE1143/lab52.html

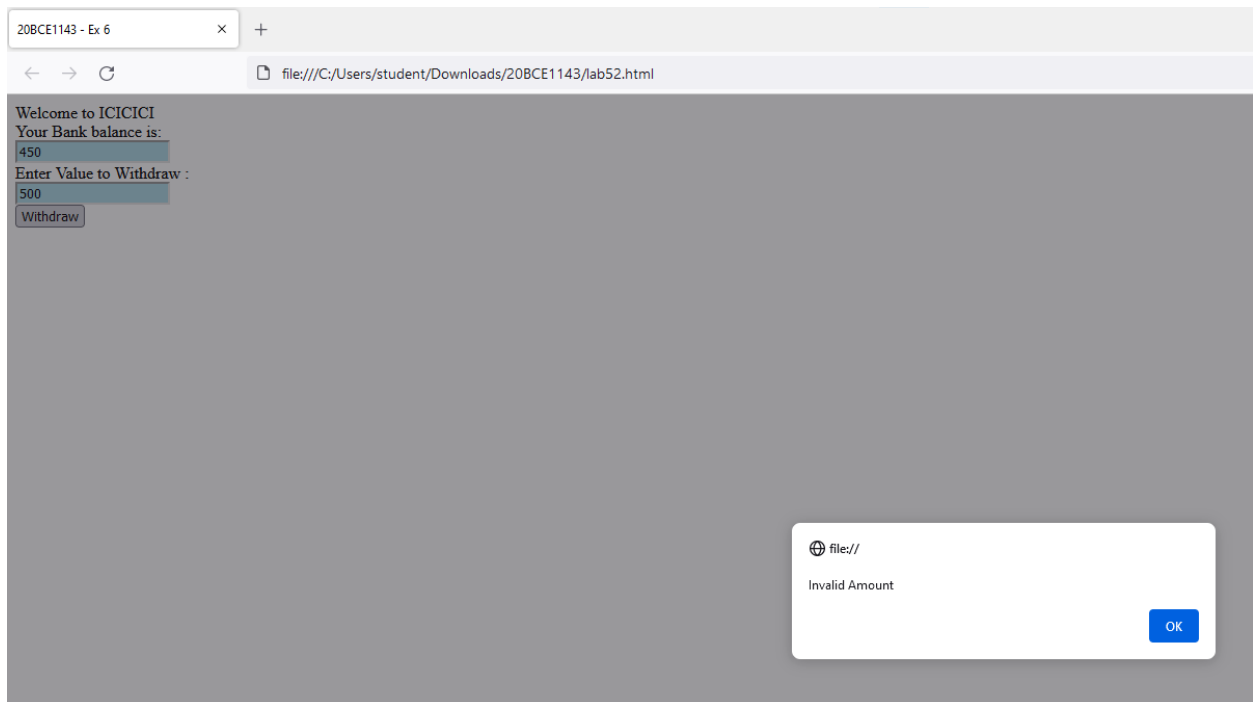
Welcome to ICICICI
Your Bank balance is:
500
Enter Value to Withdraw :
500
Withdraw

20BCE1143 - Ex 6 × +

← → ↻ file:///C:/Users/student/Downloads/20BCE1143/lab52.html

Welcome to ICICICI
Your Bank balance is:
500
Enter Value to Withdraw :
50
Withdraw





Code:

```
<head>
  <title>20BCE1143 - Ex 6</title>
  <style>
    input{
      background-color: lightblue;
    }
    input:focus{
      background-color: lightpink;
    }
  </style>
</head>
<body>
  Welcome to ICICICI
  <br>
  Your Bank balance is: <br>
  <input type="text" id="bal" readonly>
  <script>
    document.getElementById("bal").value="500";
  </script>
  <br>
  Enter Value to Withdraw : <br>
```



```

<input type="text" id="val" onkeyup="this.value = this.value.replace(/^[^0-9]/, '')">
<br>
<button onclick="myfun()">Withdraw</button>
<script>
    function myfun(){
        var x=document.getElementById("val").value;
        var y=document.getElementById("bal").value;
        if(y>x)
        {
            alert("Withdrew "+x+" money");
            document.getElementById("bal").value=(y-x);
        }
        else
            alert("Invalid Amount");
    }
</script>
</body>

```

3. Design the **below form** and do the following

- (i) Set the timer to display the current time
- (ii) Print the form content
- (iii) Use getElemnetsByName to display Gender, Country and Preferences
- (iv) Validate
 - (a) All Mandatory Fields (represented by *)
 - (b) Name should not exceed 15 characters
 - (c) Address – to be specified in Text Area
 - (d) Zip code should be numeric and validated the maximum digits
 - (e) Phone numbers should be numeric and validated the maximum digits 10
 - (f) e-mail syntax should be validated
 - (g) Password should contain a number, character & a special character and length should not exceed 15 and recede 8
 - (h) PAN card number – Textbox (validate such that the PAN number is 10 digits and follows the pattern)

Test JavaScript Form Validataion

Time:11:30:55

Name*

Please enter your name!

Address

Zip Code*

Country*

Please select... ▼

Gender*

☐ Male ☐ Female

Pan No:

Preferences*

☐ Red ☐ Green ☐ Blue

Phone*

Email*

password (6-8 characters)*

Verify password*

SEND

CLEAR

208CE1143 - Ex 6

file:///C:/Users/advai/Fall%2022-23/IWP/Lab%206/lab53.html?pwd=Test1%21twi

Community Streami... Craft of Exile ourworldindata Craylon, formerly D... Image to Dot Art G... Stable Diffusion - a...

Test JS Form Validation

Tue Sep 06 2022 22:04:22
GMT+0530 (India Standard Time)

Name* :

Address :

Zip Code* :

Country* :

Gender* : ☐ Male ☐ Female

Pan No :

Preferences* : ☐ Red
☐ Blue ☐ Green

Phone* :

Email* :

Password (6-8 chars)* :

Verify Password* :

Submit Reset

20BCE1143 - Ex 6

file:///C:/Users/advai/Fall%2022-23/RWP/Lab%206/lab53.html?pwd=Test1%21twi

Community Stream... Craft of Exile ourworldindata Crayon, formerly D... Image to Dot Art G... Stable Diffusion - a...

Test JS Form Validation

Tue Sep 06 2022 22:04:22
GMT+0530 (India Standard Time)

Name* :

Address* :

Zip Code* :

Country* :

Gender* : ☐ Male ☐ Female

Preferences* : ☐ Red
☐ Blue ☐ Green

Phone* :

Email* :

Password (6-8 chars)* :

Verify Password* :

Pan No :

Name* :

Address* :

Zip Code* :

Country* :

Gender* : ☐ Male ☐ Female

Preferences* : ☐ Red
☐ Blue ☐ Green

Phone* :

Email* :


Password (6-8 chars)* :


Verify Password* :

Name* : aDva

Address : test

Zip Code* : abcd

Country* : 

Gender* :  Please match the requested format.
Six Digit PinCode

Preferences* : ☒ Red
☐ Blue ☐ Green

Zip Code* : 123456


Country* : India

Gender* : ☒ Male ☐ Female

Preferences* : ☒ Red
☐ Blue ☐ Green

Phone* : 1234567890

Email* : test

 Please include an '@' in the email address. 'test' is missing an '@'.

Name* : aDva
Address : test
Zip Code* : 123456
Country* : India
Gender* : ☒ Male ☐ Female

Preferences* : ☒ Red

☐

! Please match the requested format.

Must contain at least one number and one uppercase and lowercase letter, and at least 8 or more characters

Phone

Email

Password (6-8 chars)* :

Verify Password* :

Submit

Reset

Test JS Form Validation

Name* : aDva
Address : test
Zip Code* : 123456
Country* : India
Gender* : ☒ Male ☐ Female

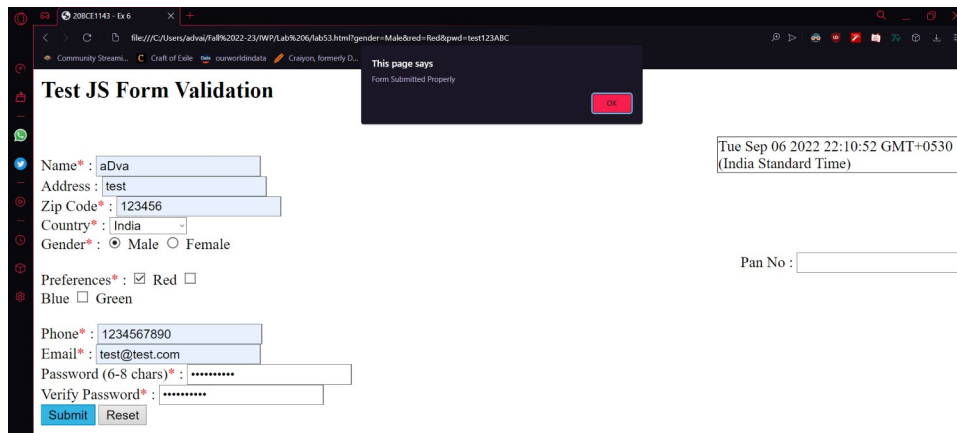
Preferences* : ☒ Red
☐ Blue ☐ Green

Phone* : 1234567890
Email* : test@test.com
Password (6-8 chars)* :
Verify Password* :

Submit Reset

Tue Sep 06 2022 22:09:42
GMT+0530 (India Standard Time)

Pan No :



Code:

```
<head>

  <title>20BCE1143 - Ex 6</title>

</head>

<body>

  <h2>Test JS Form Validation</h2>

  <p style="border:1px solid black;width:26.7%;position:absolute;right:0px;"
  id="demo">

</p>

<script>

  var d = new Date();

  document.getElementById("demo").innerHTML=d;

</script>

<br>

<br>
```

```

<form>

Name<font color="red">*</font> :

  <input type="text" id="name" pattern="[a-zA-Z\s]{1,15}" title="Less than 15
characters" required>

  <div id="namefill" style="color: red;float:right;margin-right:80%;"></div>

  <br>

Address :

  <input type="textarea" id="adr">

  <div id="areafill" style="color: red;float:right;margin-right:80%;"></div>

  <br>

Zip Code<font color="red" >*</font> :

  <input type="text" id="zip" pattern="[0-9]{6}" title="Six Digit PinCode"
required>

  <div id="zipfill" style="color: red;float:right;margin-right:80%;"></div>

  <br>

Country<font color="red">*</font> :

  <select id="country" required>

    <optgroup label="--select a country--">

      <option value="India">India</option>

      <option value="America">US of A</option>

    </optgroup>

  </select>

  <div id="countryfill" style="color: red;float:right;margin-
right:80%;"></div>

  <br>

Gender<font color="red">*</font> :

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

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

```

```

<input type="radio" id="female" name="gender" value="Female">
<label for="female">Female</label><br>

    <div style="float:right">

Pan No :

    <input type="text" id="pano" pattern="([A-Z]{5}[0-9]{4}[A-Z]{1})"
title="Your Pan Number">

    <div id="panfill" style="color: red;float:right;margin-right:80%;"></div>

</div>

    <div id="genderfill" style="color: red;float:right;margin-right:80%;"></div>

<br>

Preferences<font color="red">*</font> :

    <input type="checkbox" id="red" name="red" value="Red">

    <label for="red"> Red</label>

    <input type="checkbox" id="blue" name="blue" value="Blue">

    <label for="blue"> Blue</label>

    <input type="checkbox" id="green" name="green" value="Green">

    <label for="green"> Green</label>

<br>

    <div id="colfill" style="color: red;float:right;margin-right:80%;"></div>

<br>

Phone<font color="red">*</font> :

    <input type="text" id="phno" pattern="[0-9]{10}" title="10 digit ph no"
required>

    <div id="phfill" style="color: red;float:right;margin-right:80%;"></div>

<br>

Email<font color="red">*</font> :

    <input type="email" id="email" required>

    <div id="emailfill" style="color: red;float:right;margin-right:80%;"></div>

```



```

<br>

Password (6-8 chars)<font color="red">*</font> :

<input type="password" id="pwd" name="pwd" pattern="(?=.*\d)(?=.*[a-z])(?=.*[A-Z]).{8,}"

    title="Must contain at least one number and one uppercase and lowercase
letter, and at least 8 or more characters" required>

<div id="pwdfill" style="color: red;float:right;margin-right:80%;"></div>

<br>

Verify Password<font color="red">*</font> :

<input type="password" id="vpwd" required>

<div id="vpwdfill" style="color: red;float:right;margin-right:80%;"></div>

<br>

<input type="submit" onclick="myfun()">

<input type="reset">

</form>

<br>

<script>

    function myfun(){

if(document.getElementById("pwd").value==document.getElementById("vpwd").value)

    {

        alert("Form Submitted Properly");

    }

    else

    {

        alert("Passwords Dont Match");

    }

}

```

```
</script>  
</body>
```