

NAME – ANMOL
REG. NO. - 19BCE0891

1. Design a signup page for general website with appropriate fields and using Javascript function validate the values as given below:
- each field have to be filled, cannot be null,
 - length of name field should be in the range of 5 to 15
 - age field should be above 18 and cannot be negative
 - length of phone number filled should be exactly 10
 - password and confirmed password should be same, otherwise create an alert message to user.

CODE -

```
<html>
<head>
  <title>ANMOL - 19BCE0891</title>
</head>
<body>
  <form>
    Name : <input type="text" id="name" /> <br /><br />
    Age : <input type="number" id="age" /> <br /><br />
    Phone number : <input type="text" id="phno" /> <br /><br />
    Password : <input type="password" id="pass" /> <br /><br />
    Confirm Password : <input type="password" id="cpass" /> <br /><br />

    <button onclick="validate()">Validate</button>
  </form>
</body>
<script>
function validate() {
  name = document.getElementById("name").value;
  age = document.getElementById("age").value;
  phno = document.getElementById("phno").value;
  pass = document.getElementById("pass").value;
  cpass = document.getElementById("cpass").value;

  if (name == "" || age == "" || phno == "" || pass == "" || cpass == "") {
    alert("Empty fields not allowed!!");
    return false;
  }

  if (name.length < 5 || name.length > 15) {
    alert("Name length should be in 5 to 15 range");
    return false;
  }

  if (age < 18) {
    alert("Age should >18 and non-negative");
    return false;
  }
}
```

```

if (phno.length != 10) {
    alert("Phone no. should be of 10 digits");
    return false;
}

if (pass !== cpass) {
    alert("Password not confirmed");
    return false;
}
}
</script>
<script></script>
</html>

```

OUTPUT -

21-02-2022-htmlformvalidation x ANMOL - 19BCE0891

C:\Users\anmol\Desktop\Anmol_19BCE0891\BCI3001_WEB_SECURITY\lab_21feb\ques1.html

Name :

Age :

Phone number :

Password :

Confirm Password :

This page says
Empty fields not allowed!!

21-02-2022-htmlformvalidation x ANMOL - 19BCE0891

C:\Users\anmol\Desktop\Anmol_19BCE0891\BCI3001_WEB_SECURITY\lab_21feb\ques1.html?

Name :

Age :

Phone number :

Password :

Confirm Password :

This page says
Name length should be in 5 to 15 range

21-02-2022-htmlformvalidation x ANMOL - 19BCE0891

C:\Users\anmol\Desktop\Anmol_19BCE0891\BCI3001_WEB_SECURITY\lab_21feb\ques1.html?

Name :

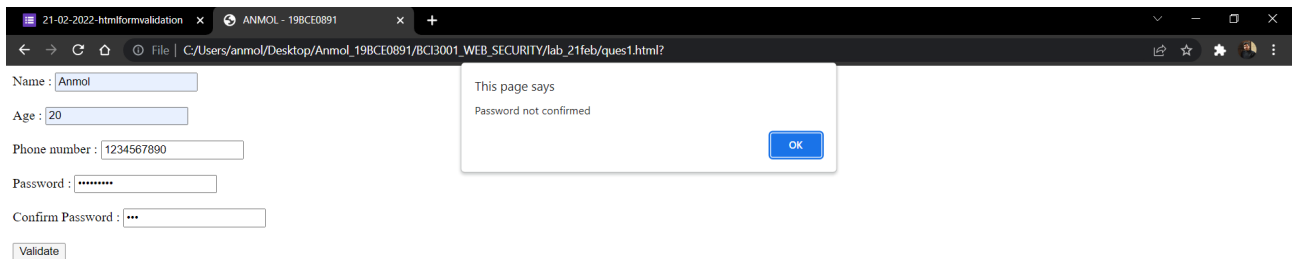
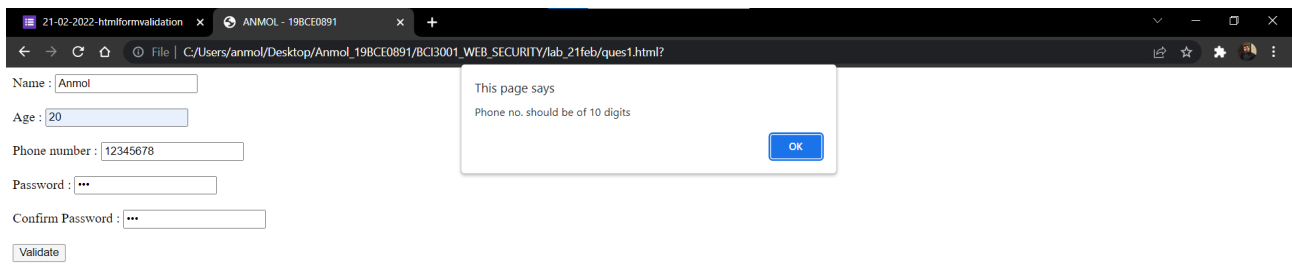
Age :

Phone number :

Password :

Confirm Password :

This page says
Age should >18 and non-negative



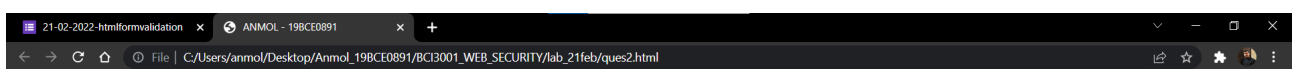
2. Display a simple message "Welcome!!!" on your demo webpage and when the user hovers over the message, a popup should be displayed with a message "Welcome to my WebPage!!!".

CODE -

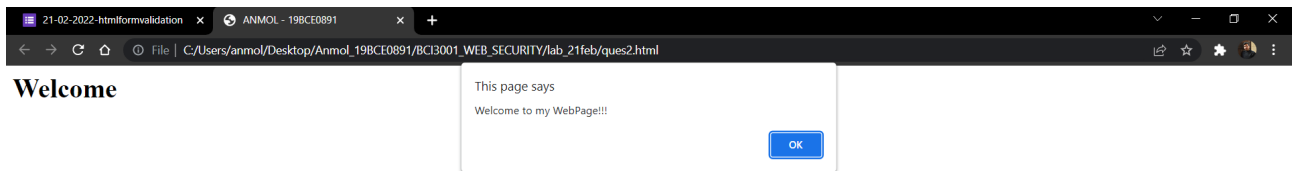
```
<html>
<head>
  <title>ANMOL - 19BCE0891</title>
</head>

<body>
  <h1 onmouseover="alertMsg()">Welcome</h1>
</body>

<script type="text/javascript">
  function alertMsg() {
    alert("Welcome to my WebPage!!!");
  }
</script>
</html>
```



Welcome



3.Find Sum of Two Numbers Using JavaScript+HTML.

A form with a light blue border. It contains two input fields for numbers, each preceded by the text 'Enter First Number:' and 'Enter Second Number:'. Below the second input field is a button labeled 'Add' and another empty input field for the result.

Format must be :

CODE -

```
<html>
<head>
  <title>ANMOL - 19BCE0891</title>
</head>
<body>
  <h1>Sum of numbers</h1>
  Enter num1 :
  <input type="number" id="val1" />
  <br /><br />

  Enter num2 :
  <input type="number" id="val2" />
  <br /><br />

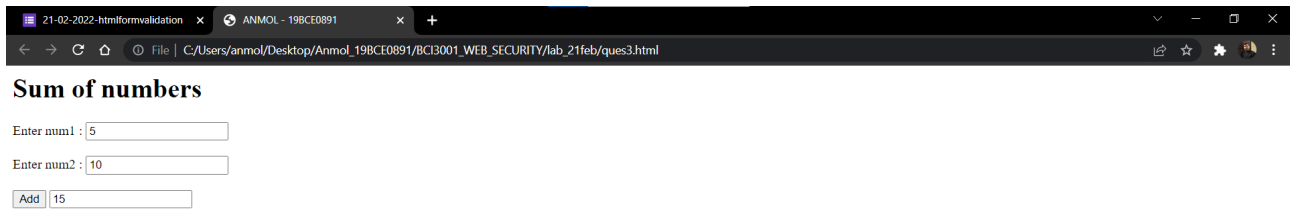
  <button onclick="findSum()">Add</button>
  <input type="text" id="output" />
</body>

<script>
function findSum() {
  var num1 = parseInt(document.getElementById("val1").value);
  var num2 = parseInt(document.getElementById("val2").value);

  var sum = num1 + num2;

  document.getElementById("output").value = sum;
}
</script>
```

</html>



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File | C:/Users/anmol/Desktop/Anmol_19BCE0891/BCI3001_WEB_SECURITY/lab_21feb/ques3.html

Sum of numbers

Enter num1 :

Enter num2 :

Add

4.Find factorial of a given number and display on the screen.

CODE -

```
<html>
<head>
  <title>ANMOL - 19BCE0891</title>
</head>
<body>
  <h1>Factorial of number</h1>
  Enter num :
  <input type="number" id="val" />
  <br /><br />

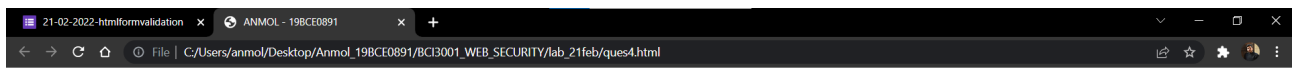
  <button onclick="findFact()">factorial !</button>

  <h2 id="output" style="color: green"></h2>
</body>

<script>
function findFact() {
  var num = document.getElementById("val").value;

  var fact = 1;
  for (var i = 1; i <= num; i++) {
    fact = fact * i;
  }

  document.getElementById("output").innerHTML =
    "Factorial of " + num + " is : " + fact;
}
</script>
</html>
```



Factorial of number

Enter num :

Factorial of 5 is : 120