Kerala HSS CS Lab

Javascript Source Code and Output

By Farzeen | [**My Website**](#)

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it-fair-validation.html source

```html
<!--

Develop a web page for the interschool IT fair conducted by your school.
The webpage should contain facilities to enter:
  * School name * User name * Password * Mobile no.
It should also contain a button for saving and clearing the entered data.

Ensure that:
 * The data is entered in all the text boxes
 * The text box for mobile no. contains only numbers.

 Write JavaScript for this validation.
-->

<html>
  <head>
    <title> Registration - Interschool IT Fair </title>

    <script>
      function validate() {
        if( document.form1.school_name.value == "" ) {
          alert("Please enter school name");
          return;
        }
        if( document.form1.user_name.value == "" ) {
          alert("Please enter user name");
          return;
        }
        if( document.form1.pw.value == "" ) {
          alert("Please enter password");
          return false;
        }
        if( document.form1.mobile.value == "" ) {
          alert("Please enter mobile number");
          return;
        }
        if( isNaN(document.form1.mobile.value) ) {
          alert("Mobile number should only contain numbers");
          return;
        }
      }
    </script>
  </head>

  <body>
    <h1>Registration - Interschool IT Fair</h1>

    <form name=form1 action=register.php method=POST>

      School name: <input type=text name=school_name> <br>
      User name  : <input type=text name=user_name> <br>
      Password   : <input type=password name=pw> <br>
      Mobile No.    : <input type=text name=mobile> <br> <br>

      <input type=button value=Submit onclick=validate()> <input type=reset value=Clear>

    </form>
  </body>
</html>
```

Registration – Interschool IT Fair

School name: `KPC HSS`

User name : `User`

Password : `••••••••`

Mobile No. : `9876543210`

[Submit] [Clear]

sum_of_n_numbers.html source

```html
<!--
  Develop a webpage with two text boxes and a button labeled 'show'.
  WHen the user enters a number in the first text box, and clicks the button,
  the second text box should display the sum of all natural numbers
  upto the given number.
  Write the required JavaScript.
-->

<html>
  <head>
    <title>Sum of first N natural numbers</title>
    <script>
      function findsum() {
        var n = Number(document.form1.number_n.value)
        var sum = 0
        for(var i=1;i<=n;i++) sum+=i
        document.form1.sum.value=sum
      }
    </script>
    <!-- Students can ignore style tag -->
    <style>
      body {font-family: Fantasque Sans Mono, Ubuntu Mono, monospace;}
      input { width:10em; height:2em; margin:0.2em;}
    </style>
  </head>
  <body>
    <h1>Sum of first N natural numbers</h1>
    <form name=form1>
      Enter a number: <input type=text name=number_n><br>
      The sum is: <input type=text name=sum><br>
      <input type=button id=show value="Show" onclick=findsum()>
    </form>
  </body>
</html>
```

sum_of_n_numbers.html output

Sum of first N natural numbers

Enter a number: `10`

The sum is: `55`

[Show]

Sum of first N natural numbers