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 first N natural numbers

Enter a number: `10`

The sum is: `55`

```
Show
```

Sum of first N natural numbers