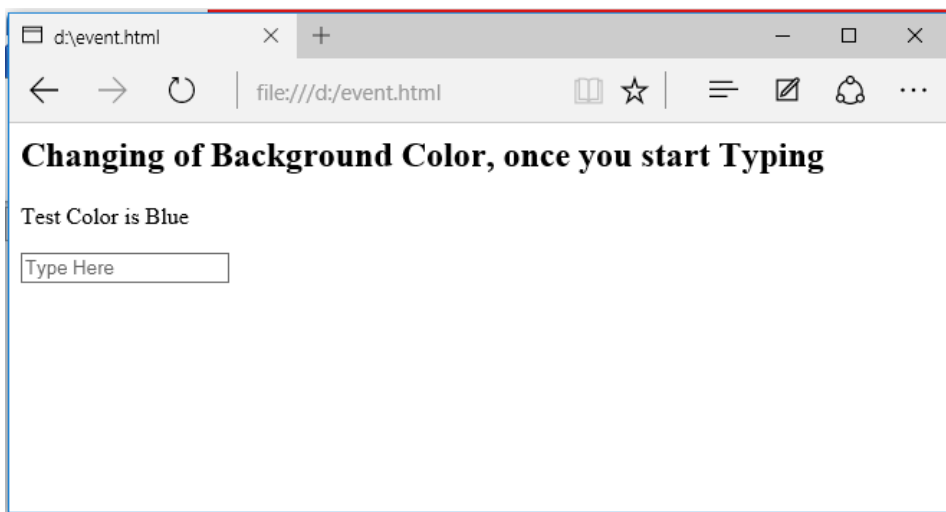


JS events cont'd

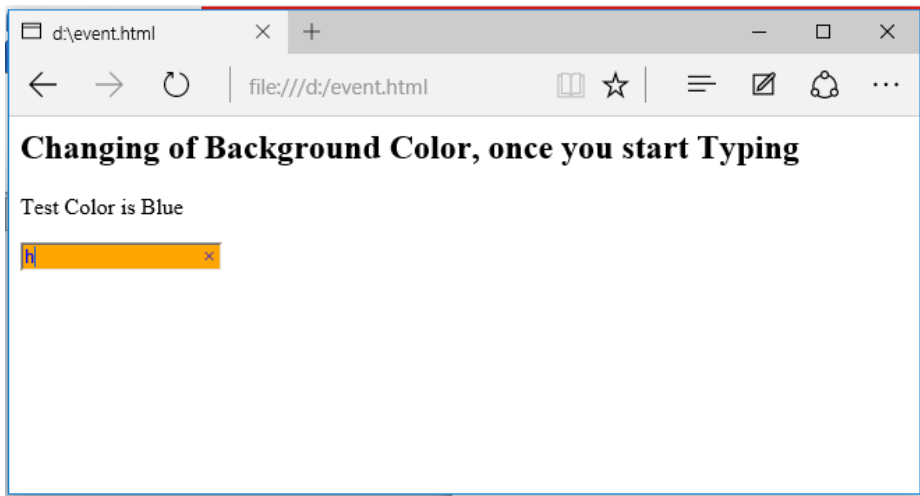
Common Events in JavaScript with Examples

1. **Onkeyup event:** This is a keyboard event and event is triggered whenever a key is released after pressing.

```
<html>
<head>
  <script>
    function chgBG() {
      var x = document.getElementById('bg');
      bg.style.backgroundColor = 'orange';
    }
  </script>
</head>
<body>
<h2> Changing of Background Color, once release the key after type</h2>
<p> Test Color is Blue </p>
  <input id="bg" onkeyup="chgBG()"
    placeholder="Type Here" style="color:blue">
</body>
</html>
```

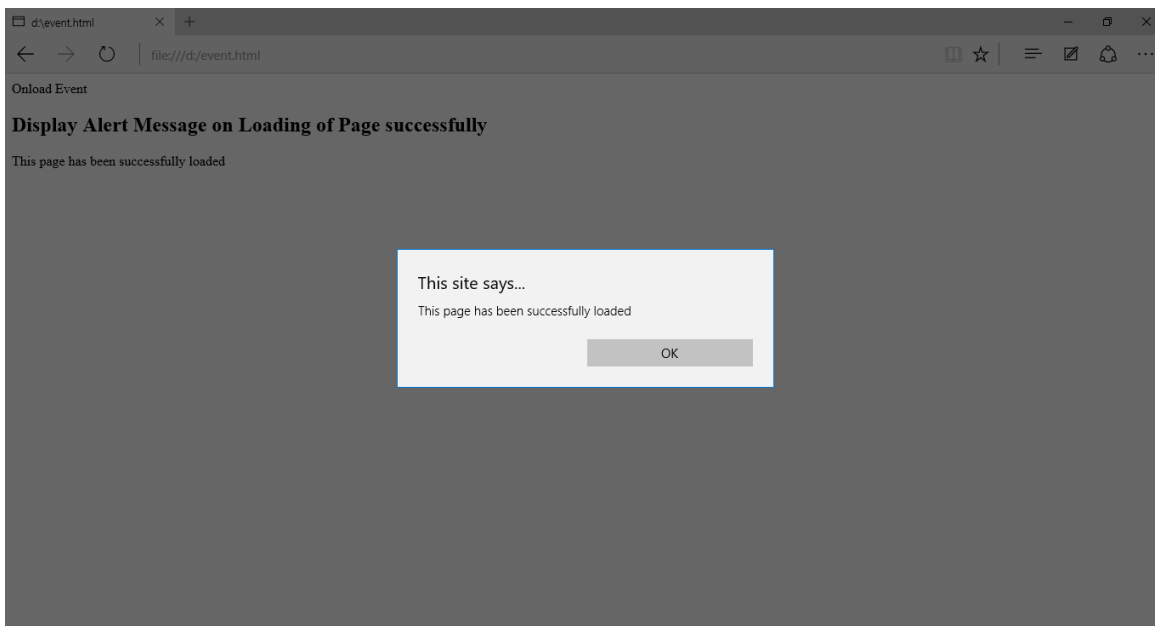


As you start typing and release the key, and background color of Text Box placeholder changes to orange color.



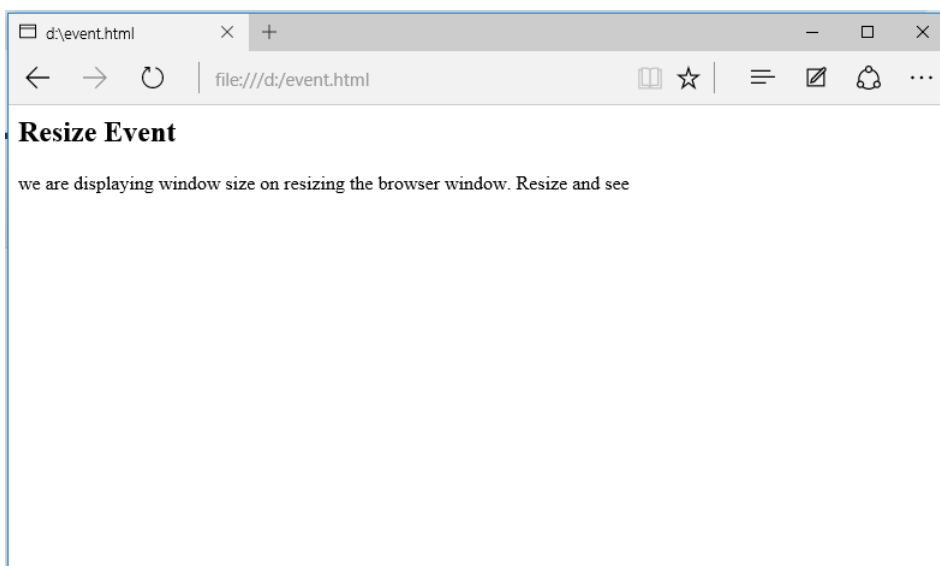
- 2. Onload event:** The onload event occurs when a web page has finished loading in the web browser. We may invoke the event on individual HTML element also.

```
<html>
<head>Onload Event</head>
</br>
<h2> Display Alert Message on Loading of Page successfully </h2>
<body onload="window.alert('This page has been successfully loaded');">
<script>
document.write("This page has been successfully loaded");
</script>
</body>
</html>
```

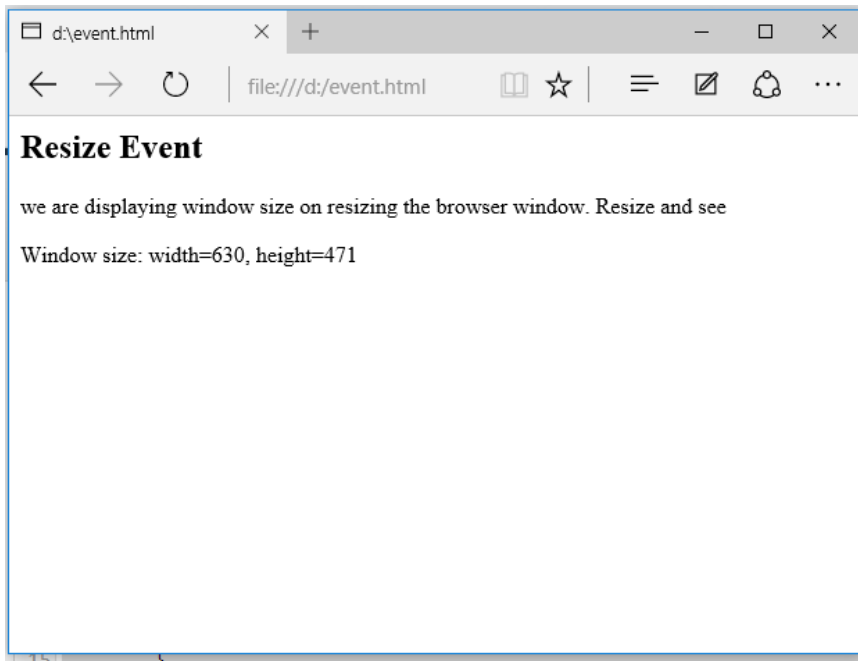


3. **Onresize** : The onresize event occurs when a user resizes the browser window, or it is minimized or maximized.

```
<html >
<head>
  <h2>Resize Event</h2>
</head>
<body>
  <p> we are displaying window size on resizing the browser window. Resize and see</p>
  <p id="result"> </p>
  <script>
    function disWinSize(){
      var w = window.outerWidth;
      var h = window.outerHeight;
      var txt = "Window size: width=" + w + ", height=" + h;
      document.getElementById("result").innerHTML = txt;
    }
    window.onresize = disWinSize;
  </script>
</body>
</html>
```

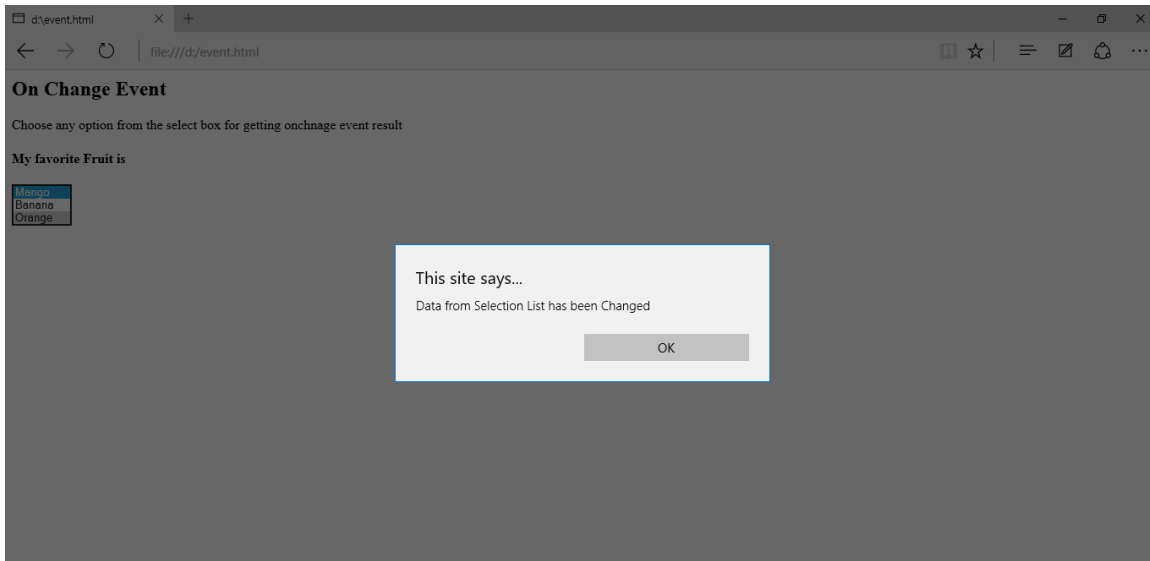


And now resize the browser window and see the result in browser itself.



- 4. Onchange event:** The onchange event occurs when a user changes the value of a form element. Here we are choosing an item from the list.

```
<html >
<head>
  <h2>On Change Event</h2>
</head>
<body>
<p> Choose any option from the select box for getting onchnage event
result</p>
<h4>My favorite Fruit is</h4>
  <select onchange="alert('Data from Selection List has been Changed');">
    <option>Mango</option>
    <option>Banana</option>
    <option>Orange</option>
  </select>
</body>
</html>
```

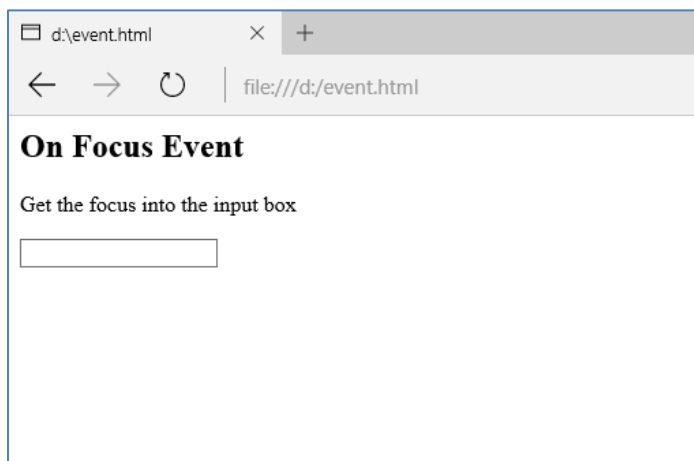


5. **Onfocus Event** : whenever, the focus is received by the element specified, this event executes.

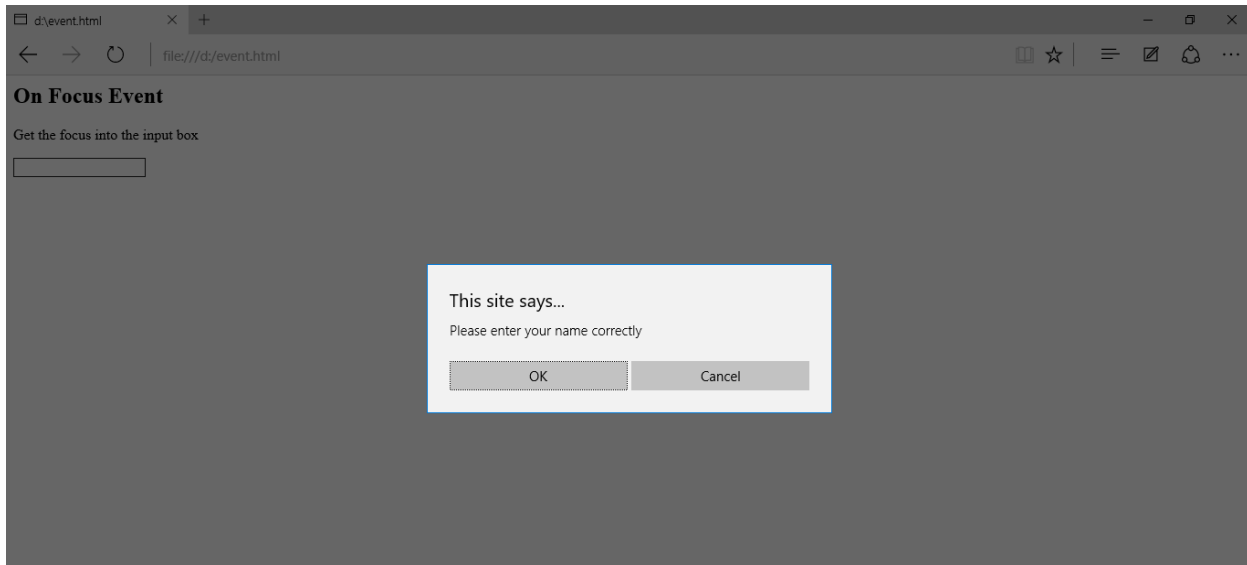
```

<html>
  <head>
    <h2> On Focus Event</h2>
    <script>
      function foc() {
        var e = document.getElementById('ip');
        if (confirm('Please enter your name correctly')) {
          e.blur();
        }
      }
    </script>
  </head>
  <body>
    <p>Get the focus into the input box </p>
    <input id="ip" onfocus="foc()">
  </body>
</html>

```

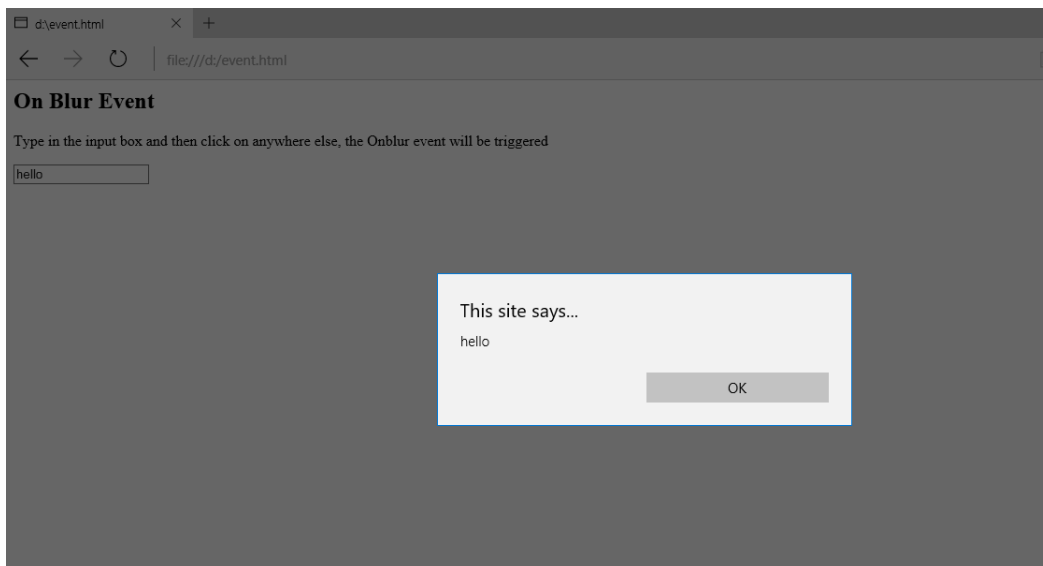


Once, the focus is on the input box, event is fired



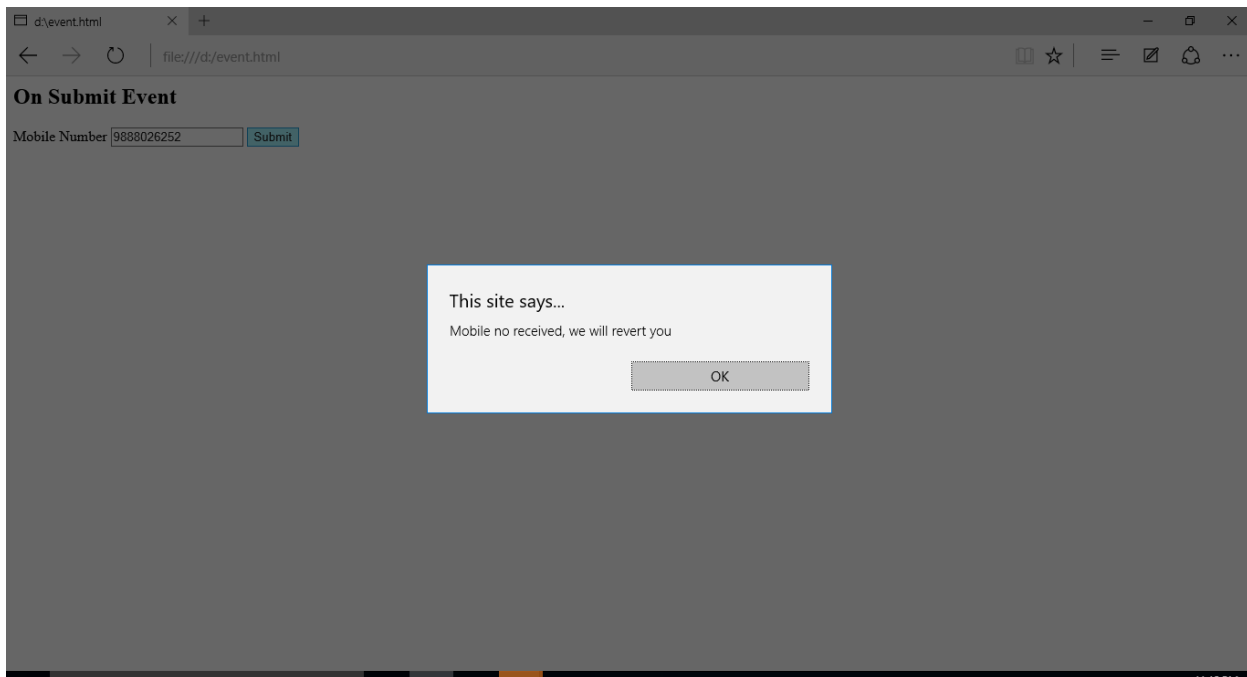
6. **Onblur Event** : The onblur event occurs when an element loses focus i.e. when the user takes the focus away from a form element or a window.

```
<html>
  <head>
    <h2> On Blur Event </h2>
  </head>
  <body>
    <p>Type in the input box and then click on anywhere else,
      the Onblur event will be triggered</p>
    <input onblur="alert(this.value)">
  </body>
</html>
```



7. **Onsubmit event:** The onsubmit event is triggered only when the user submits a form on a web page.

```
<html >
<head>
  <h2>On Submit Event</h2>
</head>
<body>
  <form onsubmit="alert('Mobile no received, we will revert you');">
    <label>Mobile Number</label>
    <input type="text" name="mobile-no" required>
    <input type="submit" value="Submit">
  </form>
</body>
</html>
```



Assignment

1. What is the use of Onsubmit Event? Explain with Example.
2. Explain with example onblur and onchange events.