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
<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.

### Changing of Background Color, once you start Typing

Text Color is Blue

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
<html>
<head>Onload Event</head>

<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
<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.innerWidth;
        var h = window.innerHeight;
        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
<html>
<head>
    <h2>OnChange Event</h2>
</head>
<body>
    <p>Choose any option from the select box for getting onchange 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
<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
<html>
<head>
</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
<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 on Onsubmit Event? Explain with Example.

2. Explain with example onblur and onchange events.