**event.preventDefault()**

The preventDefault() method cancels the event if it is cancelable, meaning that the **default action that belongs to the event will not occur**.

For example, this can be useful when:

1. Clicking on a "Submit" button, prevent it from submitting a form
2. Clicking on a link, prevent the link from following the URL

<a id="myAnchor" href="https://w3schools.com/">Go to W3Schools.com</a>

<script>

document.getElementById("myAnchor").addEventListener("click", function(event){

event.preventDefault()

});

</script>

**Note:** The preventDefault() method will prevent the link above from following the URL.

**event.stopPropagation()**

The **method stops the bubbling of an event to parent elements**, preventing any parent event handlers from being executed.

<script>

$(document).ready(function(){

$("span").click(function(event){

event.stopPropagation();

alert("The span element was clicked.");

});

$("p").click(function(event){

alert("The p element was clicked.");

});

$("div").click(function(){

alert("The div element was clicked.");

});

});

</script>

<div style="height: 100px; width: 500px; padding: 10px; border: 1px solid blue;">

This is a div element.

<p style="background-color: pink">This is a p element, in the div element.

<span style="background-color:orange">Span element in p and div element.

</span>

</p>

</div>

**event.stopImmediatePropagation()**

* This method stops the rest of the event handlers from being executed.
* This method also stops the event from bubbling up the DOM tree.

<script>

$(document).ready(function(){

$("div").click(function(event){

alert("Event handler 1 executed");

event.stopImmediatePropagation();

});

$("div").click(function(event){

alert("Event handler 2 executed");

});

$("div").click(function(event){

alert("Event handler 3 executed");

});

});

</script>

<div style="height: 100px; width: 300px;">Click on this div element.</div>

**Note**: The second and third click event will not be executed due to event.stopImmediatePropagation().