Practice Questions on Events

1 question

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1.

The following file is loaded into a modern browser. A user clicks on the *<button>* four times. What happens when the *<button>* is clicked for the **fourth** time? The code does not contain any bugs and runs successfully.

<!doctype html>

<html>

<body>

<button id="btn1">Click me</button>

<script>

var count = 0;

function countClick() {

count++;

}

function handler1() {

alert("Handler 1 has been triggered " + count + " times!");

}

function handler2() {

alert("Handler 2 has been triggered " + count + " times!");

if(count == 3) {

btn1.removeEventListener("click", handler1);

}

}

var btn1 = document.getElementById("btn1");

btn1.addEventListener("click", countClick);

btn1.addEventListener("click", handler1);

btn1.addEventListener("click", handler2);

</script>

</body>

</html>



You see an alert window with message "Handler 1 has been triggered 4 times!" and no other alerts.



You see no alert windows.



You see an alert window with message "Handler 2 has been triggered 4 times!" and no other alerts.



You see an alert window with message "Handler 1 has been triggered 4 times!", followed by another alert window with message "Handler 2 has been triggered 4 times!".