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問題集

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Exam : **98-382**

Title : Introduction to Programming Using JavaScript

Version : DEMO

1.HOTSPOT

You are designing a web page that contains a blue button. When the button is pressed, it should call a function that displays the message ‘Welcome!’. When the cursor hovers over the button, the button should turn red. When the cursor leaves the button, the button should revert back to its original color of blue.

You want to complete the markup using the appropriate HTML events.

How should you complete the markup? To answer, select the appropriate event in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

```
<!DOCTYPE html>
<html>
<head>
    <script>

        function showRed()
        {
            var changer = document.getElementById("changer");
            changer.style.backgroundColor = "red";
        }

        function showBlue()
        {
            var changer = document.getElementById("changer");

       }

       function notify()
       {
           alert("Welcome!");
       }
    </script>
</head>
<body>

    <input id="changer" type="button" [ ] ="notify();" [ ] ="showRed();"
        [ ] ="showBlue();" value="Click Me" style="background-color:blue; color:white;"/>
</body>
</html>
```

onchange
onmouseover
onmouseout
onclick

onmouseover
onmousedown
onmouseout
onclick

onmouseover
onmousedown
onmouseout
onkeydown

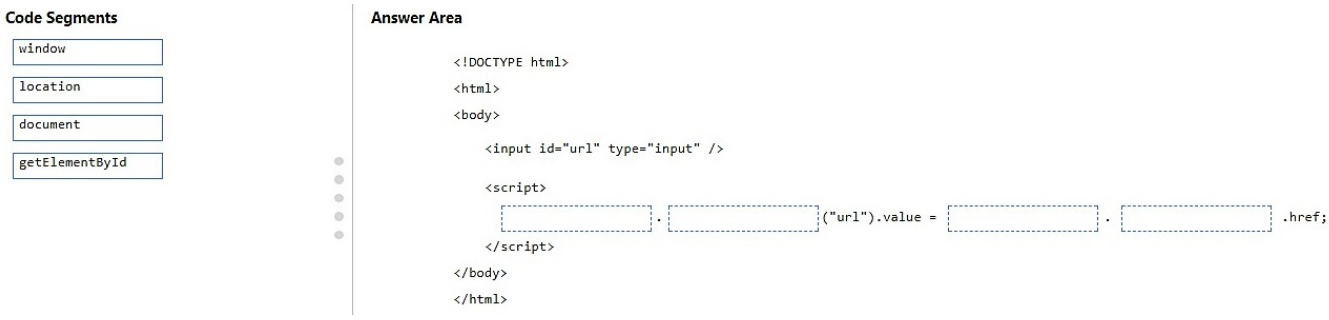
Answer:

Explanation: https://www.w3schools.com/jsref/dom_obj_event.asp

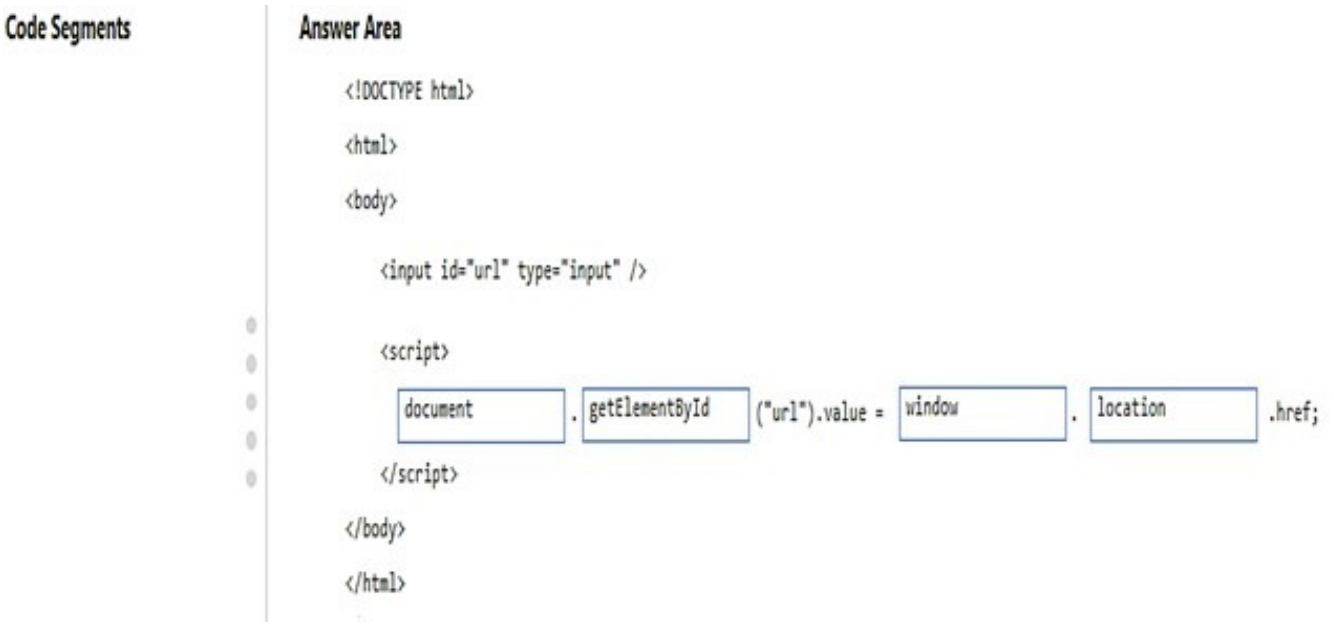
2. DRAG DROP

You are creating a web page with a script. The script will insert the window's location inside the page's input element.

How should you complete the code? To answer, drag the appropriate code segment to the correct locations. Each code segment may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.



Answer:



Explanation: https://www.w3schools.com/js/js_window_location.asp

3.
You are designing a web page with a script that must dynamically change the content of a paragraph element to display the value returned by the function randomQuote().
You have created the following code. Line numbers are included for reference only.

```
01 <!DOCTYPE html>
02 <html>
03 <body>
04 <p id="tester" onclick="changeText()">Click to change the content.</p>
05 <input type="button" value="Change Text" onclick="changeText()" />
06 <script>
07 function changeText() {
08
09 }
10 </script>
11 </body>
12 </html>
```

Which code segment should you use at line 08?
A. document.getElementById("tester").value = randomQuote();
B. document.getElementById("tester").title = randomQuote();
C. document.getElementById("tester").innerHTML = randomQuote();
D. document.getElementById("tester").script = randomQuote();
Answer: C
Explanation:
Explanation: https://www.w3schools.com/html/html_scripts.asp

4.HOTSPOT
You are designing a web page that contains a list of animals. The web page includes a script that outputs animals from a list.
You create the following HTML to test the script:

```
<p>Animals</p>
<ul>
   <li>Dog</li>
   <li><b>Cat</b></li>
   <li>Lion</li>
</ul>
<p>Click the button to display the animals.</p>
<button onclick="showList()">Show List</button>
<div id="list"></div>
```

You need to create a function that will display the list of animals, including any formatting, in the div element.
How should you complete the code? To answer, select the appropriate code segments in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

```
function showList() {
    var list = document.[ ]
                         getElementsByTagName("li")
                         getElementsByTagName("ul")
                         getElementsByClassName("li")
                         getElementByClassName("ul")

    for (var i = 0; i < list.length; i++) {

    document[ ]  ("list").[ ]  +=list[i].[ ]
             getElementsByTagName("li")
             getElementsByTagName("ul")
             getElementsByClassName("li")
             getElementByClassName("ul")
                                innerText
                                innerHTML
                                textContent
                                                innerText
                                                innerHTML
                                                textContent
```

Answer:

Answer Area

```
function showList() {
    var list = document.[ ]
                         getElementsByTagName("li")
                         getElementsByTagName("ul")
                         getElementsByClassName("li")
                         getElementByClassName("ul")

    for (var i = 0; i < list.length; i++) {

    document[ ]  ("list").[ ]  +=list[i].[ ]
             getElementsByTagName("li")
             getElementsByTagName("ul")
             getElementsByClassName("li")
             getElementByClassName("ul")
                                innerText
                                innerHTML
                                textContent
                                                innerText
                                                innerHTML
                                                textContent
```

Explanation: https://www.w3schools.com/jsref/met_element_getelementsbytagname.asp

5.You are creating a dynamic HTML page by using JavaScript.
Your page has an image of the sun. When the user's mouse pointer moves across the image of the sun, the image should change to the image of the moon. When the user's mouse pointer is no longer over the image should change back to the image of the sun.
You need to write the code for the image swap.
Which two events must you program for? (Choose two.)
A. onmouseup
B. onmouseout
C. onmosedown
D. onmouseover
E. onmouseenter
Answer: B,D
Explanation: https://www.w3schools.com/jsref/dom_obj_event.asp