

Lab DOM Events

Total Marks : 40 (5*8)

There are many DOM Events . You can refer the posted tutorials and/or the following link to learn about them :

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

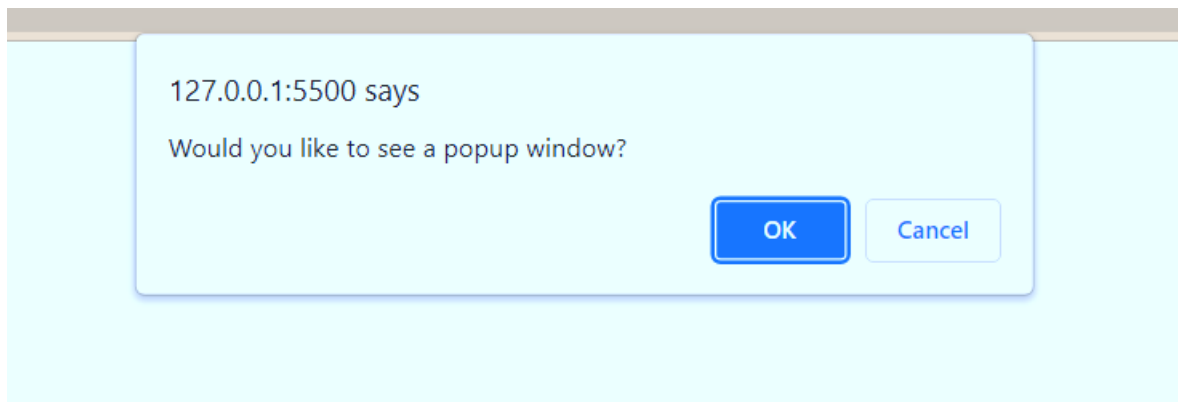
Deliverables

1. Create the HTML files for each question. Name it as Lab7_P1.html ,Lab7_P2.html ...etc
Include the script in the html file (In the body) . Don't use the external javascript file .
Submit these HTML files. i.e. you will be submitting total 8 html files containing the script in it. One per question.
2. Submit the Lab report containing the screen shot of code and screen shot of output (i.e. before and after output if needed)

1. Use the window.confirm() method to ask if the user would like to see a popup window:

```
let okPressed = window.confirm("Would you like to see a popup window?");
```

Then render the webpage, and click the OK button when prompted to see a small browser window created by window.open(). You may need to give your browser permission to show the popup window since many browsers prevent popups from displaying by default.



Clicking Ok should write following to the document:

Popup Demo

Read the Events mentioned in the table and code the problem statements that follows.

Event	Description
onclick	When the user click a mouse button over an HTML element.
onmouseover	When the user move the mouse over an HTML element.
onmouseout	When the user move the mouse away from an HTML element.
Onmousedown	When the user press the mouse button over an HTML element.
onmouseup	When the user release the mouse button over an HTML element.
onmouseenter	The onmouseenter event occurs when the mouse pointer is moved onto an element.
onmouseleave	The onmouseleave event occurs when the mouse pointer is moved out of an element.
Onmousemove	When the user moves the mouse over an HTML element.

Code the following using the DOM events :

2. Clicking on ,”Click Me “ converts it into red.
Here Click Me is a heading. i.e.

Before Clicking

Click Me!

Lab DOM Events

After Clicking :

Click Me!

3. Change the background color on mouseover and mouseout

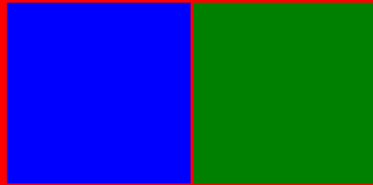
Before mouseover:

Change the background color using JavaScript Event onmouseover and onmouseout.



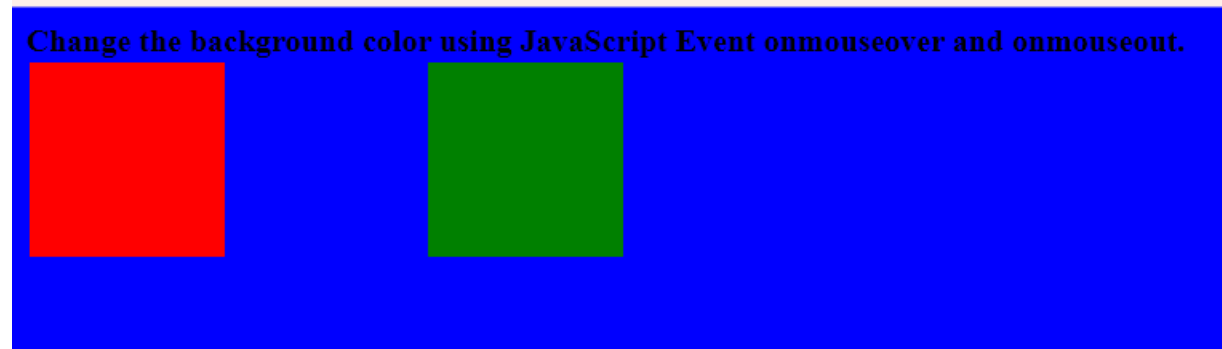
After mouseover on red:

Change the background color using JavaScript Event onmouseover and onmouseout.

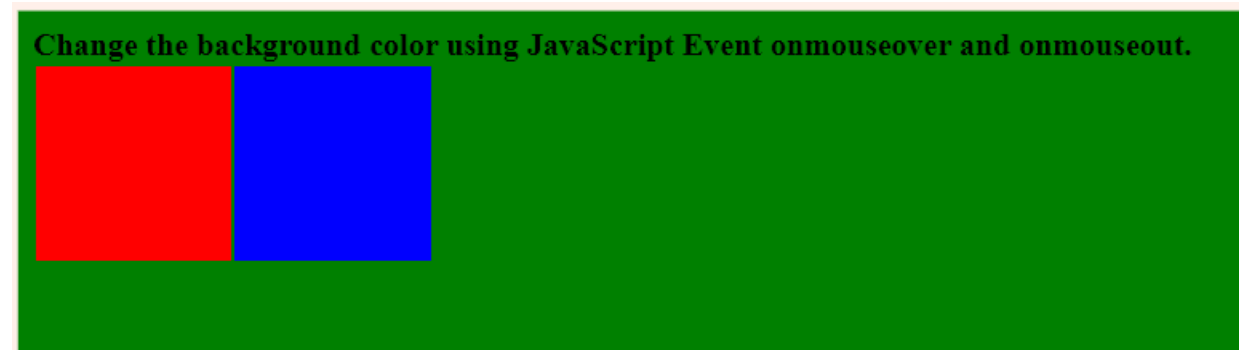


After mouseover on blue:

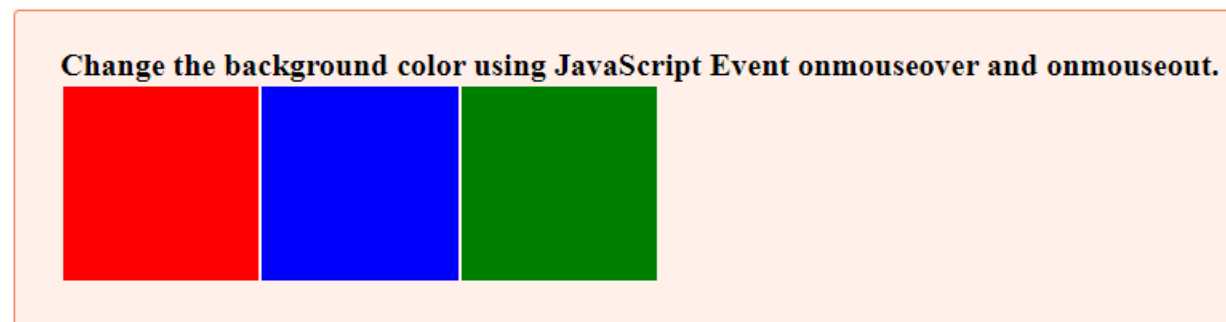
Lab DOM Events



After mouseover on green :



After Mouseout :



4. JavaScript onmouseover, onmouseout event.

Before mouseover :



Lab DOM Events

After mouseover:

WELCOME!

5. onmousedown, onmouseup event.

Onmousedown:



Onmouseup:



NOTE : Use any image of your choice

6. onmouseenter, onmouseleave event

The scroll of text should stop on taking the mouse over it. i.e. onmouseenter. And should continue when the mouse is removed.

You can use marquee tag for scrolling the text.

Scrolling Text with JavaScript events onmouseenter and onmouseleave

JavaScript Keyboard Events

Event	Decription
onkeydown	The onkeydown event occurs when the user pressed a key down from the keyboard.
onkeypress	The onkeypress event occurs when the user presses a key from the keyboard.
onkeyup	The onkeyup event occurs when the user releases a key from the keyboard.

Lab DOM Events

7. Enter color name to change textbox bgcolor using JavaScript onkeyup event.

Textbox Background will automatically change as you type.

Textbox Background will automatically change as you type.

- 7: JavaScript onkeyup event.

The function transforms the character to upper case as you type.

Enter Name:

- Example 4: JavaScript onkeyup event.

Enter Your Name, it will automatically converted into capital letters.

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8. Change document background color using HTML select element.

Output:

Lab DOM Events



Rubric :

Task Number	Task Description	Points
1	Using window.confirm()	5
2	Clicking "Click Me" to turn it red	5
3	Change background color on mouseover and mouseout	5
4	JavaScript onmouseover and onmouseout	5
5	JavaScript onmousedown and onmouseup	5
6	JavaScript onmouseenter and onmouseleave	5
7	JavaScript onkeyup event (color name input)	5
8	Change document background color using HTML select	5
Total Points		40