Q. What is JavaScript output method ?

A.-> JavaScript output method is to print output in browser in different forms

Like.

-There are four methods in JavaScript :-

Writing into an HTML element, using innerHTML.

Writing into the HTML output using document.write().

Writing into an alert box, using window.alert().

Writing into the browser console, using console.log().

Q. How to used JavaScript Output method?

A.-> JavaScript Output Methods

- There are four different ways to display output in JavaScript

Using an alert box, window.alert().

Using document.write().

By changing inner HTML, using innerHTML.

By using browser console, console.log().

- Using window.alert()

This method will display an alert box with some text inside it and an OK button placed below the text. Alert box is used to give any important information to the user. It gets invoked after a specified event and the webpage becomes unoperational until alert box is over the webpage.

- JavaScript Output Using document.write()

This method is used for testing purposes, it shows the output within the document's body. It normally displays the content within the scope of the body of the page.

- JavaScript Output Using innerHTML

JavaScript can access any element with a defined ID by using the document.getElementById(id) method and then the CSS/HTML of the selected element can be changed by using innerHTML property with it. This property helps in doing changes even after the webpage gets loaded completely.

- JavaScript Output -Print to console.log()

It will show the output in the console section of the browser. The console section give information about various errors and warnings related to the webpage. You just have to press the F12 key to open the debugger menu and select 'console' to view the output displayed within the console.

Q. How to used JavaScript Events to do all examples?

A.-> The change in the state of an object is known as an Event. In html, there are various events which represents that some activity is performed by the user or by the browser. When javascript code is included in HTML, js react over these events and allow the execution. This process of reacting over the events is called Event Handling. Thus, js handles the HTML events via Event Handlers.

For example, when a user clicks over the browser, add js code, which will execute the task to be performed on the event.

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Some of the HTML events and their event handlers are:

Mouse events:

|  |  |  |
| --- | --- | --- |
| **Event Performed** | **Event Handler** | **Description** |
| click | onclick | When mouse click on an element |
| mouseover | onmouseover | When the cursor of the mouse comes over the element |
| mouseout | onmouseout | When the cursor of the mouse leaves an element |
| mousedown | onmousedown | When the mouse button is pressed over the element |
| mouseup | onmouseup | When the mouse button is released over the element |
| mousemove | onmousemove | When the mouse movement takes place. |

Keyboard events:

|  |  |  |
| --- | --- | --- |
| **Event Performed** | **Event Handler** | **Description** |
| Keydown & Keyup | onkeydown & onkeyup | When the user press and then release the key |

Form events:

|  |  |  |
| --- | --- | --- |
| **Event Performed** | **Event Handler** | **Description** |
| focus | onfocus | When the user focuses on an element |
| submit | onsubmit | When the user submits the form |
| blur | onblur | When the focus is away from a form element |
| change | onchange | When the user modifies or changes the value of a form element |

Window/Document events

|  |  |  |
| --- | --- | --- |
| **Event Performed** | **Event Handler** | **Description** |
| load | onload | When the browser finishes the loading of the page |
| unload | onunload | When the visitor leaves the current webpage, the browser unloads it |
| resize | onresize | When the visitor resizes the window of the browser |