Module 4

JavaScript, often abbreviated JS, is a programming language that is one of the core technologies of the World Wide Web, alongside HTML and CSS. As of 2022, 98% of websites use JavaScript on the client side for webpage behavior,

The isNaN() function is used to check whether a given value is an illegal number or not. It returns true if value is a NaN else returns false. It is different from the Number

NEGATIVE_INFINITY is the same as the negative value of the global object's Infinity property. This value behaves slightly differently than mathematical infinity: Any positive value, including POSITIVE_INFINITY , multiplied by

The first ever JavaScript was created by Brendan Eich at Netscape, and has since been updated to conform to ECMA-262 Edition 5 and later versions

Undefined variable means a variable has been declared but it does not have a value. Undeclared variable means that the variable does not exist in the program at all.

Syntax: document. createElement("<tagName>"); // Where <tagName> can be any HTML // tagName like div, ul, button, etc. // newDiv element has been created For Eg: let newDiv = document

The basic difference between these two is that the ViewState is to manage state at the client's end, making state management easy for end-user while SessionState manages state at the server's end, making it easy to manage

In computer programming, operators are constructs defined within programming languages which behave generally like functions, but which differ syntactically or semantically. Common simple examples include arithmetic,

Another way to alter the style of an element is by changing its class attribute. class is a reserved word in JavaScript, so in order to access the element's class, you use element. className

file=fopen(getScriptPath(),0); The function fread() is used for reading the file content.

str = fread(file,flength(file) ; The function fwrite() is used to write the contents to the file.

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file = fopen("c:\MyFile.txt", 3);// opens the file for writing.

- 16

- for - loops through a block of code a number of times.

- for/in - loops through the properties of an object.

- for/of - loops through the values of an iterable object.

- while - loops through a block of code while a specified condition is true.

- 17

- In JavaScript parseInt() function (or a method) is used to convert the passed in string parameter or value to an integer value itself. This function returns an integer of base which is specified in second argument of parseInt() function

- 18

- The delete operator removes a given property from an object. On successful deletion, it will return true , else false will be returned. However, it is important to consider the following scenarios: If the property which you are trying to delete does not exist, delete will not have any effect and will return true .12

- 19

- if (confirm("Press a button!")) {

-   txt = "You pressed OK!";

- } else {

-   txt = "You pressed Cancel!";