

JAVASCRIPT - MATH LOG METHOD

http://www.tutorialspoint.com/javascript/math_log.htm

Copyright © tutorialspoint.com

Description

This method returns the natural logarithm *baseE* of a number. If the value of number is negative, the return value is always **NaN**.

Syntax

Its syntax is as follows –

```
Math.log( x ) ;
```

Parameter Details

x – A numbers.

Return Value

Returns the natural logarithm *baseE* of a number.

Example

Try the following example program.

```
<html>

<head>
  <title>JavaScript Math log() Method</title>
</head>

<body>

  <script type="text/javascript">
    var value = Math.log(10);
    document.write("First Test Value : " + value );

    var value = Math.log(0);
    document.write("<br />Second Test Value : " + value );

    var value = Math.log(-1);
    document.write("<br />Third Test Value : " + value );

    var value = Math.log(100);
    document.write("<br />Fourth Test Value : " + value );
  </script>

</body>
</html>
```

Output

```
First Test Value : 2.302585092994046
Second Test Value : -Infinity
Third Test Value : NaN
Fourth Test Value : 4.605170185988092
```

Loading [MathJax]/jax/output/HTML-CSS/fonts/TeX/fontdata.js