

JAVASCRIPT - MATH SQRT METHOD

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

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Description

This method returns the square root of a number. If the value of a number is negative, sqrt returns NaN.

Syntax

Its syntax is as follows –

```
Math.sqrt( x ) ;
```

Parameter Details

x – A number

Return Value

Returns the square root of a given number.

Example

Try the following example program.

```
<html>

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

<body>

  <script type="text/javascript">
    var value = Math.sqrt( 0.5 );
    document.write("First Test Value : " + value );

    var value = Math.sqrt( 81 );
    document.write("<br />Second Test Value : " + value );

    var value = Math.sqrt( 13 );
    document.write("<br />Third Test Value : " + value );

    var value = Math.sqrt( -4 );
    document.write("<br />Fourth Test Value : " + value );
  </script>

</body>
</html>
```

Output

```
First Test Value : 0.7071067811865476
Second Test Value : 9
Third Test Value : 3.605551275463989
Fourth Test Value : NaN
```