

JAVASCRIPT - MATH TAN METHOD

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

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Description

This method returns the tangent of a number. The tan method returns a numeric value that represents the tangent of the angle.

Syntax

Its syntax is as follows –

```
Math.tan( x ) ;
```

Parameter Details

x – A number representing an angle in radians.

Return Value

Returns the tangent of a number.

Example

Try the following example program.

```
<html>

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

<body>

  <script type="text/javascript">
    var value = Math.tan( -30 );
    document.write("First Test Value : " + value );

    var value = Math.tan( 90 );
    document.write("<br />Second Test Value : " + value );

    var value = Math.tan( 45 );
    document.write("<br />Third Test Value : " + value );

    var value = Math.tan( Math.PI/180 );
    document.write("<br />Fourth Test Value : " + value );
  </script>

</body>
</html>
```

Output

```
First Test Value : 1
Second Test Value : 21
Third Test Value : 20
Fourth Test Value : -20
```