

JAVASCRIPT - MATH ASIN METHOD

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

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Description

This method returns the arcsine in radians of a number. The asin method returns a numeric value between $-\pi/2$ and $\pi/2$ radians for x between -1 and 1. If the value of number is outside this range, it returns NaN.

Syntax

Its syntax is as follows –

```
Math.asin( x ) ;
```

Parameter Details

x – A number.

Return Value

Returns the arcsine in radians of a number.

Example

Try the following example program.

```
<html>

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

<body>

  <script type="text/javascript">
    var value = Math.asin(-1);
    document.write("First Test Value : " + value );

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

    var value = Math.asin(30);
    document.write("<br />Third Test Value : " + value );

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

</body>
</html>
```

Output

```
First Test Value : -1.5707963267948966
Second Test Value : 0
Third Test Value : NaN
Fourth Test Value : NaN
```