

JAVASCRIPT - MATH EXP METHOD

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

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Description

This method returns E^x , where **x** is the argument, and **E** is Euler's constant, the base of the natural logarithms.

Syntax

Its syntax is as follows –

```
Math.exp( x ) ;
```

Parameter Details

x – A numbers.

Return Value

Returns the exponential value of the variable x.

Example

Try the following example program.

```
<html>

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

<body>

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

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

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

  var value = Math.exp(.5);
  document.write("<br />Fourth Test Value : " + value );
</script>

</body>
</html>
```

Output

```
First Test Value : 2.718281828459045
Second Test Value : 10686474581524.482
Third Test Value : 0.3678794411714424
Fourth Test Value : 1.6487212707001282
```