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JavaScript toExponential() Method

🔺 JavaScript Number Object

Definition and Usage

The toExponential() method converts a number into an exponential notation.

Syntax

```
number.toExponential(x)
```

Parameter	Description
x	Optional. An integer between 0 and 20 representing the number of digits in the notation after the decimal point. If omitted, it is set to as many digits as necessary to represent the value

Browser Support

The toExponential() method is supported in all major browsers.

Example

Example

Convert a number into an exponential notation:

```
<script type="text/javascript">

var num = new Number(13.3714);
document.write(num.toExponential()+"<br />");
document.write(num.toExponential(2)+"<br />");
document.write(num.toExponential(3)+"<br />");
document.write(num.toExponential(10));

</script>
```

The output of the code above will be:

```
1.33714e+1
1.34e+1
1.337e+1
1.3371400000e+1
```

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🔺 JavaScript Number Object

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