

Built-in Objects and Functions



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Overview

Global Functions

Math

String

arguments

Global Functions

```
var value = parseInt('1234');  
console.log(value);
```

Question

What shows in the console?

Answer

1234

```
var value = parseInt('b1234');  
console.log(value);
```

Question

What shows in the console?

Answer

NaN

```
var value = parseInt('12z34');  
console.log(value);
```

Question

What shows in the console?

Answer

12

```
var value = parseInt('1234.9');  
console.log(value);
```

Question

What shows in the console?

Answer

1234

```
var value = parseInt(' ');  
console.log(value);
```

Question

What shows in the console?

Answer

NaN


```
var value = parseInt('C000', 16);  
console.log(value);
```

Question

What shows in the console?

Answer

49152

```
var value = parseFloat('123.9');  
console.log(value);
```

Question

What shows in the console?

Answer

123.9

```
var value = parseFloat('z123.9');  
console.log(value);
```

Question

What shows in the console?

Answer

NaN

```
var value = parseFloat('1239e-1');  
console.log(value);
```

Question

What shows in the console?

Answer

123.9

```
var value =  
    isFinite(Number.POSITIVE_INFINITY);  
console.log(value);
```

Question

What shows in the console?

Answer

false

```
var value = isFinite(42);  
console.log(value);
```

Question

What shows in the console?

Answer

true

```
var value = isNaN(NaN);  
console.log(value);
```

Question

What shows in the console?

Answer

true

```
var value = isNaN(9 / 0);  
console.log(value);
```

Question

What shows in the console?

Answer

false


```
var value = isFinite(9 / 0);  
console.log(value);
```

Question

What shows in the console?

Answer

false

```
var path = "\\start\\";  
console.log(encodeURIComponent(path));
```

Question

What shows in the console?

Answer

%5Cstart%5C

```
var path = "\\start\\";  
console.log(encodeURIComponent(path));
```

Question

What shows in the console?

Answer

%5Cstart%5C+

```
var path = "\\start\\";  
console.log(encodeURIComponent(path));
```

Question

What shows in the console?

Answer

%5Cstart%5C%2B

```
var path = "%5Cstart%5C+";  
console.log(decodeURI(path));
```

Question

What shows in the console?

Answer

`\start\+`

```
var path = "%5Cstart%5C%2B";  
console.log(decodeURIComponent(path));
```

Question

What shows in the console?

Answer

`\start\+`

```
var globalVar = 'foo';  
var code = 'console.log(globalVar);'  
eval(code);
```

Question

What shows in the console?

Answer

foo

The Math Object

```
var value = Math.PI;  
console.log(value);
```

Question

What shows in the console?

Answer

3.141592653589793

```
var value = Math.abs(-42);  
console.log(value);
```

Question

What shows in the console?

Answer

42

```
var value = Math.ceil(11.1);  
console.log(value);
```

Question

What shows in the console?

Answer

12

```
var value = Math.floor(11.9);  
console.log(value);
```

Question

What shows in the console?

Answer

11

```
var value = Math.trunc(42.12);  
console.log(value);
```

Question

What shows in the console?

Answer

42

```
var value = Math.max(-12, 0, 12, "88");  
console.log(value);
```

Question

What shows in the console?

Answer

88

```
var value = Math.min(-12, 0, 12, "88");  
console.log(value);
```

Question

What shows in the console?

Answer

-12

```
var value = Math.pow(2, 3);  
console.log(value);
```

Question

What shows in the console?

Answer

8


```
var value = Math.random();  
console.log(value);
```

Question

What shows in the console?

Answer

0.2882959560956806

```
var value = Math.sqrt(81);  
console.log(value);
```

Question

What shows in the console?

Answer

9

```
var value = Math.sqrt(-81);  
console.log(value);
```

Question

What shows in the console?

Answer

NaN

The String Object

```
var value = 'My String';  
console.log(value.charAt(3));
```

Question

What shows in the console?

Answer

S

```
var value = 'My String';  
console.log(value.concat(' Lives!'));
```

Question

What shows in the console?

Answer

My String Lives!

```
var value = 'My String';  
console.log(value.includes(' '));
```

Question

What shows in the console?

Answer

true

```
var value = 'My String';  
console.log(value.endsWith('ing'));
```

Question

What shows in the console?

Answer

true


```
var value = 'My String';  
console.log(value.endsWith('ing '));
```

Question

What shows in the console?

Answer

false

```
var value = 'My String';  
console.log(value.indexOf('M'));
```

Question

What shows in the console?

Answer

0

```
var value = 'My String';  
console.log(value.indexOf('Z'));
```

Question

What shows in the console?

Answer

-1

```
var value = 'Some String';  
console.log(value.lastIndexOf('S'));
```

Question

What shows in the console?

Answer

5

```
var value = 'Some String';  
console.log(value.slice(5));
```

Question

What shows in the console?

Answer

String

```
var value = 'Some String';  
console.log(value.slice(5, 8));
```

Question

What shows in the console?

Answer

Str

```
var value = 'Some String';  
console.log(value.slice(-3));
```

Question

What shows in the console?

Answer

ing

```
var value = 'Some String';  
console.log(value.split(' ').length);
```

Question

What shows in the console?

Answer

2


```
var value = 'Some String';  
console.log(value.substr(0, 4));
```

Question

What shows in the console?

Answer

Some

```
var value = 'Some String';  
console.log(value.substring(5, 6));
```

Question

What shows in the console?

Answer

S

```
var value = 'Some String';  
console.log(value.substr(5, 6));
```

Question

What shows in the console?

Answer

String

arguments

```
var validateValues = function () {  
    console.log(arguments.length);  
};  
validateValues(1, true, 'Settings');
```

Question

What shows in the console?

Answer

3

```
var validateValues = function () {  
    console.log(arguments[0]);  
};  
validateValues(1, true, 'Settings');
```

Question

What shows in the console?

Answer

1

```
var validateValues = function () {  
    arguments[0] = 9;  
    console.log(arguments[0]);  
};  
validateValues(1, true, 'Settings');
```

Question

What shows in the console?

Answer

9

```
var validateValues =  
  function validateValuesFn () {  
    console.log(arguments.callee);  
  };  
validateValues(1, true, 'Settings');
```

Question

What shows in the console?

Answer

```
function validateValues  
Fn() {  
  console.log(arguments  
.callee);  
}
```


Summary



JavaScript

- Global Functions
- Math
- String
- arguments