

## MORE ABOUT STRINGS

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About Strings

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indexOf(), includes(), slice()

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## ABOUT STRINGS

Strings are iterables, like arrays - they can be iterated over

Even though each string is considered to be a single value, it can also be broken down into a set of characters.

Although a string is not an array, in many ways, JavaScript will treat a string similar to an array of characters.

## STRINGS: FOR ... OF

```
const myStr = 'abcdefg';
```

```
for (const x of myStr) {  
  console.log(x);  
}
```

```
a  
b  
c  
d  
e  
f  
g
```

## STRINGS: INDEX & LENGTH

```
const myStr = 'abcdefg';
```

myStr[0] 'a'

myStr[5] 'f'

~~myStr[5] = 'z'~~

myStr.length 7

myStr[myStr.length-1] 'g'

## STRING METHODS

indexOf

includes()

slice()

toLowerCase()

toUpperCase()

split()

```
const myStr = 'caboose';
```

## INDEXOF()

```
myStr.indexOf('b') 2
```

## INCLUDES()

```
myStr.includes('b') true
```

```
myStr.includes('boo') true
```

## SLICE()

```
myStr.slice(2, 5) 'boo'
```

```
myStr.slice(2) 'boose'
```

```
const myStr = 'New York';
```

TOLOWERCASE()

```
myStr.toLowerCase() 'new york'
```

TOUPPERCASE()

```
myStr.toUpperCase() 'NEW YORK'
```



## SPLIT()

Convert a string to an array, providing as an argument a separator to determine where to split the string, such as a space or a comma

```
const myStr = 'little red balloon';
```

```
myStr.split(' ');
```

```
['little', 'red', 'balloon']
```

```
const myStr = 'small,medium,large';
```

```
myStr.split(',');
```

```
['small', 'medium', 'large']
```