MORE ABOUT STRINGS

IN THIS LESSON

About Strings

Strings: for ... of

Strings: index & length

String methods:
indexOf(), includes(), slice()
toLowerCase(), toUpperCase(), split()

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']