LESSON

EXPLORING THE API

EXPLORING SOME OF THE JAVASCRIPT REGEX API
SUPPORTING METHODS

characters > **JS** Flags.js

REGULAR EXPRESSION

SOURCE CODE

```js
const sentence = "I Scream, You Scream, We All Scream for Ice
Cream"
console.log(sentence.match(/,/g))
```

OUTPUT

```
[ ',', ',' ]
```

COD3R.IO

SOURCE CODE

```js
String.prototype.split(separator)
```

REGULAR EXPRESSION

COD3R.IO

characters > JS ExploringTheAPI.js

REGULAR EXPRESSION

SOURCE CODE

```js
const sentence = "I Scream, You Scream, We All Scream for Ice
Cream"
console.log(sentence.split(" "));
```

OUTPUT

```
[
  'I', 'Scream,', 'You', 'Scream,', 'We',
  'All', 'Scream', 'for', 'Ice', 'Cream'
]
```

COD3R.IO

REGULAR EXPRESSION

SOURCE CODE

```js
const sentence = "I Scream, You Scream, We All Scream for Ice Cream"
console.log(sentence.split(/cream/));
```

OUTPUT

```
[ 'I S', ', You S', ', We All S', ' for Ice Cream' ]
```

COD3R.IO

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REGULAR EXPRESSION

SOURCE CODE

```js
const sentence = "I Scream, You Scream, We All Scream for Ice Cream"
console.log(sentence.split(/cream/g));
```

OUTPUT

```
[ 'I S', ', You S', ', We All S', ' for Ice Cream' ]
```

COD3R.IO

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REGULAR EXPRESSION
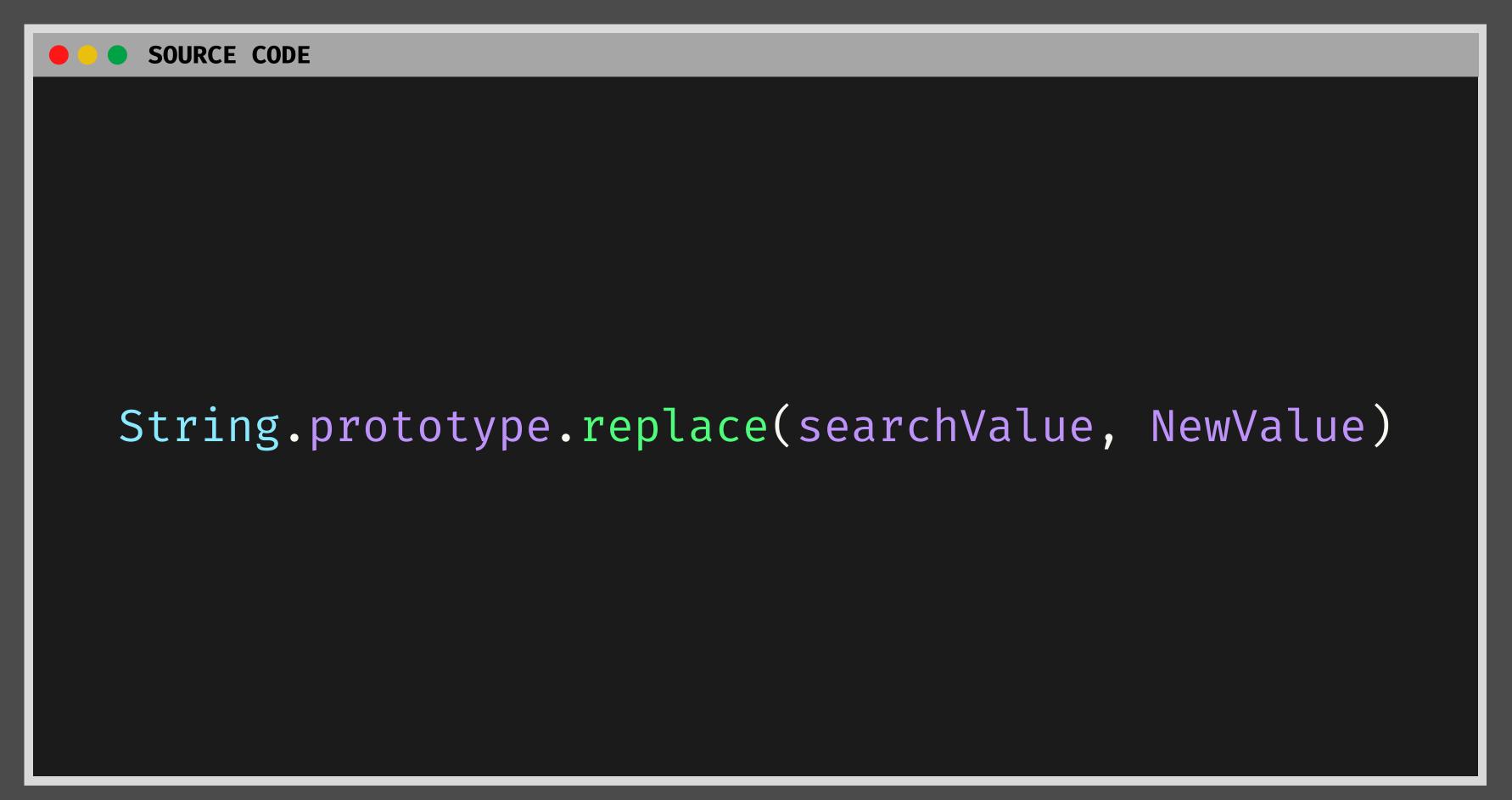
SOURCE CODE

```js
const sentence = "I Scream, You Scream, We All Scream for Ice
Cream"
console.log(sentence.split(/cream/g, 2));
```

OUTPUT

```
[ 'I S', ', You S' ]
```

COD3R.IO

REGULAR EXPRESSION

SOURCE CODE

```js
const sentence = "I Scream, You Scream, We All Scream for Ice Cream"
console.log(sentence.split(/cream/gi));
```

OUTPUT

```
[ 'I S', ', You S', ', We All S', ' for Ice ', '' ]
```

COD3R.IO

SOURCE CODE

```javascript
String.prototype.replace(searchValue, NewValue)
```

REGULAR EXPRESSION

COD3R.IO

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REGULAR EXPRESSION

SOURCE CODE

```js
const sentence = "I Scream, You Scream, We All Scream for Ice
Cream"
console.log(sentence.replace(",", "#"));
```

OUTPUT

```
I Scream# You Scream, We All Scream for Ice Cream
```

COD3R.IO

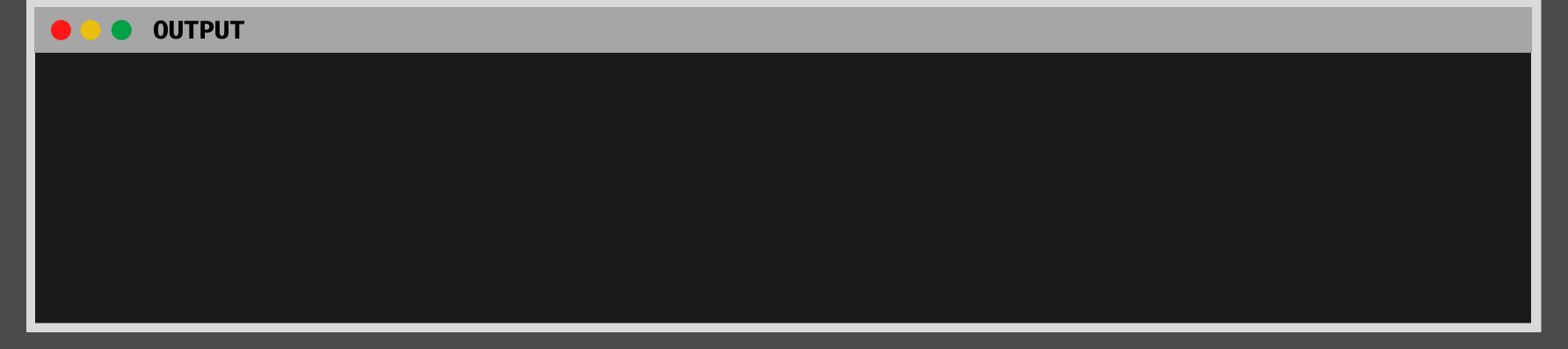characters > JS ExploringTheAPI.js

SOURCE CODE

```js
const sentence = "I Scream, You Scream, We All Scream for Ice Cream"
console.log(sentence.replace(/,/g, "#"));
```

OUTPUT

```
I Scream# You Scream# We All Scream for Ice Cream
```

SOURCE CODE

```javascript
const sentence = "I Scream, You Scream, We All Scream for Ice Cream"
console.log(sentence.replace(/,/g, ";"));
```

OUTPUT

```
I Scream; You Scream; We All Scream for Ice Cream
```

REGULAR EXPRESSION

SOURCE CODE

```javascript
const sentence = "I Scream, You Scream, We All Scream for Ice Cream"
console.log(sentence.replace(/,/g, "\""))
```

OUTPUT

COD3R.IO

SOURCE CODE

```js
const sentence = "I Scream, You Scream, We All Scream for Ice Cream"
console.log(sentence.replace(/,/g, "\"").)
```

OUTPUT

```
console.log(sentence.replace(/,/g, "\"))
                                    ^^^^^

SyntaxError: Invalid or unexpected token
```

REGULAR EXPRESSION

COD3R.IO