

20 of JavaScript string methods:

1. **toUpperCase()**: Converts a string to uppercase.

```
````javascript
var str = "hello";
console.log(str.toUpperCase()); // Outputs: "HELLO"
````
```

2. **toLowerCase()**: Converts a string to lowercase.

```
````javascript
var str = "HELLO";
console.log(str.toLowerCase()); // Outputs: "hello"
````
```

3. **charAt()**: Returns the character at a specified index.

```
````javascript
var str = "hello";
console.log(str.charAt(0)); // Outputs: "h"
````
```

4. **indexOf()**: Returns the index within the calling String object of the first occurrence of the specified value.

```
````javascript
var str = "hello";
console.log(str.indexOf("e")); // Outputs: 1
````
```

5. **substring()**: Returns a subset of a string between one index and another, or through the end of the string.

```
````javascript
var str = "hello world";
console.log(str.substring(6, 11)); // Outputs: "world"
````
```

6. **slice()**: Extracts a section of a string and returns it as a new string.

```
````javascript
var str = "hello world";
console.log(str.slice(6, 11)); // Outputs: "world"
````
```

7. **split()**: Splits a string into an array of substrings based on a specified separator.

```
````javascript
var str = "hello world";
console.log(str.split(" ")); // Outputs: ["hello", "world"]
````
```

...

8. **replace()**: Searches a string for a specified value or regular expression and returns a new string where the specified values are replaced.

```
```javascript
var str = "hello";
console.log(str.replace("h", "H")); // Outputs: "Hello"
```
```

9. **trim()**: Removes whitespace from both ends of a string.

```
```javascript
var str = " hello ";
console.log(str.trim()); // Outputs: "hello"
```
```

10. **startsWith()**: Checks whether a string starts with specified characters.

```
```javascript
var str = "hello";
console.log(str.startsWith("he")); // Outputs: true
```
```

11. **endsWith()**: Checks whether a string ends with specified characters.

```
```javascript
var str = "hello";
console.log(str.endsWith("lo")); // Outputs: true
```
```

12. **includes()**: Checks whether a string contains the specified characters.

```
```javascript
var str = "hello";
console.log(str.includes("ell")); // Outputs: true
```
```

13. **concat()**: Combines two or more strings.

```
```javascript
var str1 = "hello";
var str2 = "world";
console.log(str1.concat(" ", str2)); // Outputs: "hello world"
```
```

14. **charAt()**: Returns the character at the specified index.

```
```javascript
var str = "hello";
console.log(str.charAt(0)); // Outputs: "h"
```
```

...

15. **repeat()**: Returns a new string consisting of the specified number of copies of the string it was called on.

```
````javascript
var str = "hello";
console.log(str.repeat(3)); // Outputs: "hellohellohello"
````
```

16. **padStart()**: Pads the current string with another string until the resulting string reaches the given length.

```
````javascript
var str = "5";
console.log(str.padStart(2, "0")); // Outputs: "05"
````
```

17. **padEnd()**: Pads the current string with another string until the resulting string reaches the given length.

```
````javascript
var str = "5";
console.log(str.padEnd(2, "0")); // Outputs: "50"
````
```

18. **match()**: Retrieves the result of matching a string against a regular expression.

```
````javascript
var str = "The rain in Spain falls mainly in the plain";
var regex = /ain/g;
console.log(str.match(regex)); // Outputs: ["ain", "ain", "ain"]
````
```

19. **search()**: Searches a string for a specified value and returns the position of the match.

```
````javascript
var str = "The rain in Spain falls mainly in the plain";
console.log(str.search("Spain")); // Outputs: 12
````
```

20. **toString()**: Returns a string representing the specified object.

```
````javascript
var str = 123;
console.log(str.toString()); // Outputs: "123"
````
```

These are just some of the many methods available for working with strings in JavaScript. They allow you to perform various operations, such as searching, manipulating, and extracting parts of strings.