

JavaScript Strings

just like arrays we can get character at certain position

To get an array at specific locⁿ

```
const name = "Paras";
```

```
console.log(name[0]); // P
```

```
console.log('Test'[0]); // T
```

To get the string length

```
console.log(name.length); // 5
```

```
console.log('Test2'.length); // 5
```

To get occurrence of character in string

```
console.log(name.indexOf('P')) // 0
```

```
console.log(name.lastIndexOf('a')) // 3
```

```
console.log(name.indexOf('Par')) // 0
```

Note:- If you try to find the occurrence of unavailable sub-string or character you get -1

```
console.log(name.indexOf('z')) // -1
```

Slice method

```
const Player = 'Sandeep'
```

```
console.log(Player.slice(3)); // deep
```

↑

get a substring present after index 3

```
console.log(Player) // Sandeep
```

console.log(Player.slice(3, 5));

//de

From here

Before this

Console.log(Player.slice(1, -1))
// andee

• toLowerCase();

• toUpperCase();

• trim(); removes empty spaces

// replacing

• replace(`f`, `\$`);

To replace To replace with

Note:-

• replaceAll → yet not a function
will come in future

For now use regular expression

Const name = `Paras`

e.g. console.log(name.replace(/a/g, `m`));

→ will replace all occurrence
of `a` with `m`

To find string presence (Boolean)

• includes(`Air`);

- startsWith('Pa');
- endsWith('A');

Split method

allows us to split a string in multiple part based on a divider.

eg `Console.log(`a+good+boy`.split('+'));`
`// [A] ["a", "good", "boy"]`

•join method

`Const firstname = "John"`
`Const lastname = "Watson"`

`Const fullname = ['Mr.', firstname, lastname.
 toUpperCase()].join(' ')`

`Console.log(fullname)`

`// Mr. John WATSON`

Padding a String

To add a number of characters to the string until string

has desired length

Const msg = "Hello"

Console.log(msg.padStart(15, '+'));

// ++++++Hello

↳ Total 15 characters

eg .padEnd(30, '+')

↳ usage eq mask credit card

repeat method

repeat same string multiple times

Const msg2 = "Hello this is paras";

Console.log(msg2.repeat(5));

↳ This string is obtained as output 5 times

Note:- MDN Document can be referred for more string methods.

