

# Joining Strings

This lesson will introduce you to the join method.

We can join strings in two ways:

- using the `+` operator,
- using the `join` string method.

You already saw how the `+` operator works on strings in the introductory chapters:

```
let print = 'first part' + ' second part'
console.log(print);
//"first part second part"
```



## The Join Method

The `'join'` method is a bit more interesting. It takes an array of strings and joins them into one string. When `join` is used without any arguments, it joins the strings by inserting commas in-between them. This is because the most common string writing functionality is logging and creating CSV files.

```
console.log(["0", "1", "2", "3", "4", "5", "6", "7", "8", "9"].join());
//"0,1,2,3,4,5,6,7,8,9"
```



## Joining without Commas

If you want to join strings without anything in-between them, specify an empty string as the argument of `join`:

```
console.log(["0", "1", "2", "3", "4", "5", "6", "7", "8", "9"].join( ' ' ))  
// "0123456789"
```



## Joining with other Characters

You can also specify any other characters:

```
console.log(["0", "1", "2", "3", "4", "5", "6", "7", "8", "9"].join( '👉👉' ));  
// "0👉👉1👉👉2👉👉3👉👉4👉👉5👉👉6👉👉7👉👉8👉👉9"
```

