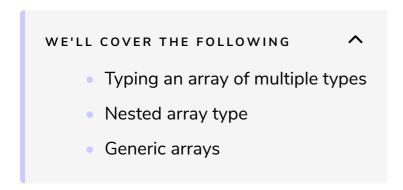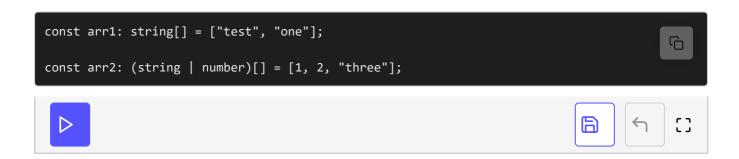# Typing an Array

This lesson goes over how to type an array

Typing an array of multiple types

Typing an array is similar to any variable, except when having an array of multiple types that requires the use of parentheses.

```
const arr1: string[] = ["test", "one"];

const arr2: (string | number)[] = [1, 2, "three"];
```

Nested array type

An array allows any type, even nested array.

```
const arr3: (Date| string[])[] = [new Date(), new Date(), ["1", "a"]];
```

Generic arrays

Arrays can be generic as well by defining the type with `T[]` or `Array<T>`.

```
function action<T>(options: T[]): void {

}

// Same as:

function action2<T>(options: Array<T>): void {

}
```