

Arrays

- Arrays are a data structure in JavaScript used to store multiple values.
- Arrays are ordered and can be accessed by their index.
- Arrays are resizable and can contain a mix of different data types. (numbers, strings, objects, etc.)

Creating an Array

Using an array literal is the easiest way to create a JavaScript Array.

```
const array_name = [ item1 , item2 , ... ];
```

or

```
const array_name = new Array(item1, item2, ...)
```

The two examples above do exactly the same.

There is no need to use `new Array()`.

For simplicity, readability and execution speed, use the array literal method.

Accessing Array Elements

You access an array element by their index:

```
const fruits = ["banana", "apple", "peach"]  
console.log(fruits[0]);
```

Changing an Array Element

```
fruits[0] = "orange"
```


