

Lesson

Weekend

Introduction to Programming

(/introduction-to-programming)

/ Arrays and Looping (/introduction-to-programming/arrays-and-looping)

/ Bracket Notation

Text

Cheat sheet

Terminology and Examples

Index: The index of an element in an array is its numerical position. The first element has an index of 0.

OBOE: An off-by-one error. Watch out for these!

bracket notation: we can access array elements using square brackets `[]` and entering in the index:

```
> const letters = ['a', 'b', 'c'];  
> letters[0];  
'a'
```

Start counting elements at 0.

the length property: you can check the length of an array by accessing its `length` property:

```
> letters.length  
3
```

You can get elements from the end of an array like this:

```
> letters[letters.length - 1]  
'c'
```

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Last updated March 24, 2023

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