

Lesson

Thursday

# Introduction to Programming

## (/introduction-to-programming)

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

### / Further Exploration: Looping with for...of

Text

Cheat sheet

## Terminology

- **for...of** : A technique we can use to loop through arrays, strings, and other types of iterable objects.

## Examples

### Example Using an Array

```
const array = [0,1,2,3,4,5];
let doubledArray = [];
for (const element of array) {
  doubledArray.push(element * 2);
}
doubledArray;
(6) [0, 2, 4, 6, 8, 10]
```

## Example Using a String

```
const consonantString = "bdfmxtgl"
let vowelizedString = "";
for (const letter of consonantString) {
  vowelizedString = vowelizedString.concat(letter + "a");
}
vowelizedString;
"badafamaxatagala"
```

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