### Arrays

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Do now:

Have you ever collected something? Yugioh Cards, Pokemon cards, etc.. What was it

Welcome to data structures, we have to store our information:

We can use an array/list that lets you keep track of an ordered collection of items

Shopping list

Album tracklist

To do list

Followers list on social media

# **Example of Arrays**

A shopping list

bread	eggs	milk	cookies
0	1	2	3

# **Example of Arrays**

A list of my favorite numbers

5 8 103 32 7

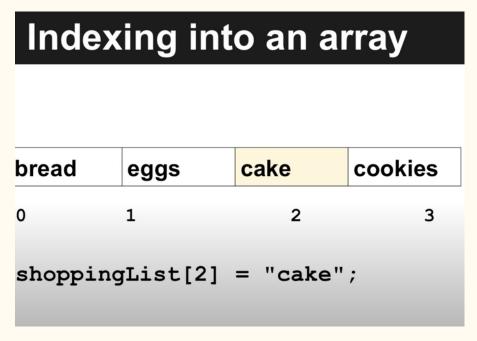
0 1 2 3 4

You may have notice that our array started counting from 0 instead of 1, this is how all arrays are counted

## Creating an array

```
var arr = [5, 8, 103, 32, 7];
var shoppingList =
      ["bread", "eggs",
      "milk", "cookies"];
```

Indexing an array means to filter through the collection and find the item you want



Lets practice

Unit 7

Intro to Arrays 7.1.4 & 7.1.5

&

Indexing into an Array 7.2.4