

Arrays

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Aim: What to create and store data in an array

Do now:

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

Aim: Swbat to create and store data in an array

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
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0

1

2

3

4

Aim: Swbat to create and store data in an array

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

Aim: Swbat to create and store data in an array

Creating an array

```
var arr = [5, 8, 103, 32, 7];
```

```
var shoppingList =  
    ["bread", "eggs",  
    "milk", "cookies"];
```

Aim: Swbat to create and store data in an array

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

Indexing into an array

bread	eggs	cake	cookies
0	1	2	3

```
shoppingList[2] = "cake";
```


Aim: Swbat to create and store data in an array

Lets practice

Unit 7

Intro to Arrays 7.1.4 & 7.1.5

&

Indexing into an Array 7.2.4