FEWD - JAVASCRIPT

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AGENDA

- Review
- Divided Times
- for loop exercises
- Carousel exercise

JS FUNCTIONS

Named function without arguments

```
function hello() {
    alert('world');
}

hello();
```

Named function with one argument

```
function sayHi(person) {
    alert('hello ' + person);
}

sayHi("bob");
```

JS FUNCTIONS

Unnamed function assigned to variable

```
var anon = function() {
    alert('I am anonymous');
};

anon();
```

Defining and executing anonymous function

```
(function() {
    alert('I am anonymous');
})()
```

JQUERY

```
$(document).ready();
```

```
$(document).ready(function(){

});
```

JQUERY

Selectors are just like CSS

```
$(".class").click();

$("#theId").click();

$(".bug .flying").on('click', function(e){
...
});
```

JQUERY

Including in your HTML:

```
<script src="//ajax.googleapis.com/ajax/libs/jquery/1.11.1/jquery.min.js"></ script>
```

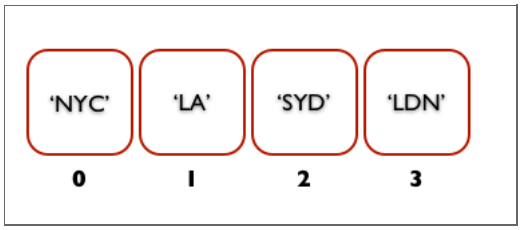
DIVIDED TIMES

ARRAYS REVIEW

myArr = ['Hello', 54.3, true];

- Arrays are filled with elements: i.e. myArr3 = [element, anotherElement];
- Elements can contain strings, numbers, booleans, and more.

ARRAYS INDEXING



ARRAYS INDEXING

Array elements can be fetched by their index number (starts from 0).

```
myArr = ['Hello', , 54.3, true];

console.log(myArr[0]); //prints Hello
console.log(myArr[1]); //prints undefined
console.log(myArr[2]); //prints 54.3
console.log(myArr[3]); //prints true
```

ARRAYS INDEXING

We can insert new values into any space in the array using the positions index.

```
myArr[1] = 'Stuff';
```

ARRAYS INDEXING

We can overwrite all the elements of an array simply by giving the array new values or by setting an array equal to a different array.

```
var fruits = ['Apples', 'Oranges', 'Pears', 'Bananas'];
var myArr=[1,2,3];
myArr = fruits;

console.log(myArr); //prints Apples, Oranges, Pears, Bananas
```

ARRAY LENGTH

What if I would like to know how long my array is (how many elements)?

```
console.log(myArr.length); //prints 4
```

ITERATE OVER ARRAY

Allows you to run code using each element from the array as a value Syntax:

Array.forEach

ARRAY LENGTH

```
var fruits=["Banana","Apple","Pear"];

fruits.forEach(function(element,index){
    console.log(element,index);
});
```

ARRAYS

LOOPS

USEFUL LIBRARIES

- Bootstrap: **http://getbootstrap.com/**
  Made by Twitter, pre-defined CSS classes Use it by looking up sample code and copying it in!
- Foundation building blocks: **http://patterntap.com/code** Made by Zurb, pre-defined HTML and CSS code

Use other people's work!

CAROUSEL