// const abc = function(){

// return true;

// }

const person = {

firstName: `Josh`,

lastName: `Smith`,

age: 26,

familyMembers: ['Lauren', 'Eli', 'Calvin'],

occupation: `Software Developer`,

}

const person2 = {

firstName: `Dan`,

lastName: `Valentine`,

age: 25,

occupation: `Software Developer`,

}

const abcd = (obj1, obj2) => {

if(obj1.age > obj2.age){

return obj1.firstName + " is older than " + obj2.firstName

}else{

return obj2.firstName + " is older than " + obj1.firstName

}

}

const firstName = abcd(person, person2);

console.log(firstName);

**Nested Turnary**

const abcd = (obj1, obj2) => {

return obj1.age > obj2.age

? obj1.occupation === "Software Developer"

? "You are a software developer"

: obj1.firstName + " is older than " + obj2.firstName

: obj2.firstName + " is older than " + obj1.firstName

}

**Higher Functions:**

// HIGHER ORDER FUNCTIONS

let longernamepeople = ['dan', 'brent', 'josh', 'suzyQ']

//.map .reduce .forEach .filter

// function cb(abby, i){

// return abby + i

// }

// array.map(cb)

// array.map((abby,i) => abby+i)

// array.forEach(name => console.log(name))

// array.forEach(cb)

//for each will iterate throught data and data

// array.filter()

// longernamepeople.filter(name => name.length > 3)

**The Reduce Higher Order Function vs the other three:**

const filterNames = longernamepeople.filter((theElement, theIndex)=>{

return theElement.length > 3;

})

const filterNamesReduce = longernamepeople.reduce((reducer, theElement, theIndex) => {

if(theElement.length > 3){

reducer.push(theElement);

}

return reducer

}, [])

const nums = [1,2,3,4,5,6];

const strings = ['Josh', 'Brent', 'Dan', 'Stuff'];

const arrOfObjs = [

{

name: 'josh',

age: 26,

},

{

name: 'dan',

age: 27,

},

{

name: 'brent',

age: 31,

},

];

const sum = nums.reduce((reducer, theElement, theIndex)=>{

reducer = reducer + theElement;

return reducer

}, 0)

console.log(sum)

const nums = [1,2,3,4,5,6];

const strings = ['Josh', 'Brent', 'Dan', 'Stuff'];

const arrOfObjs = [

{

name: 'josh',

age: 26,

},

{

name: 'dan',

age: 27,

},

{

name: 'brent',

age: 31,

},

];

const sum = strings.reduce((reducer, theElement, theIndex)=>{

reducer = reducer + theElement;

return reducer

}, ‘ ’)

console.log(sum)

const nums = [1,2,3,4,5,6];

const strings = ['Josh', 'Brent', 'Dan', 'Stuff'];

const arrOfObjs = [

{

name: 'josh',

age: 26,

},

{

name: 'dan',

age: 27,

},

{

name: 'brent',

age: 31,

},

];

const sum = arrOfObjs.reduce((reducer, theElement, theIndex)=>{

reducer = reducer + theElement;

return reducer

}, [])

console.log(sum)

**LOOPS WITHIN LOOPS**

const nums = [1,2,3,4,5,6];

const strings = ['Josh', 'Brent', 'Dan', 'Stuff'];

const arrOfObjs = [

{

name: 'josh',

age: 26,

arr: [1,2,3,4,5,6]

},

{

name: 'dan',

age: 27,

arr: [1,2,3,4,5,6]

},

{

name: 'brent',

age: 31,

arr: [1,2,3,4,5,6]

},

];

const looperloop = (arr) => {

const answer = []

for(let i = 0; i < arr.length; i++){

for(let j = 0; j < arr[i].arr.length; j++){

answer.push(arr[i].arr[j])

}

}

return answer

}

console.log( looperloop(arrOfObjs))

**VERSUS - COMPARISON TO HIGHER METHOD FUNCTIONS:**

**Nested .Reduce function:**

const nums = [1,2,3,4,5,6];

const strings = ['Josh', 'Brent', 'Dan', 'Stuff'];

const arrOfObjs = [

{

name: 'josh',

age: 26,

arr: [1,2,3,4,5,6]

},

{

name: 'dan',

age: 27,

arr: [1,2,3,4,5,6]

},

{

name: 'brent',

age: 31,

arr: [1,2,3,4,5,6]

},

];

const looperloop = (arr) => {

return arr.reduce((r, e) => {

e.arr.forEach((e)=>{

r.push(e);

})

return r

}, [])

}

console.log( looperloop(arrOfObjs))

\* {

padding: 0;

margin: 0;

box-sizing: border-box;

text-align: center;

font-family: 'Arial Narrow';

}

.header {

color: white;

background-color: #6b6e72;

width: auto;

height: 45px;

}

.header h2 {

float: left;

padding-left: 40px;

padding-top: 6px;

font-size: 30px;

}

.header h4 {

float: right;

padding: 15px 20px;

font-size: 15px;

}

Collapse

9:48 PM

and this is my HTML so you can see how they coincide

Untitled

<!DOCTYPE html>

<html>

<head>

<title>The More You Know</title>

<link rel="stylesheet" type="text/css" href="style.css" />

</head>

<body>

<header class='header'>

<h2>COMPANY</h2>

<h4>Home</h4>

<h4>About</h4>

<h4>Contact</h4>

</header>

<section class='section-1'>

<h1>The More You Know</h1>

</section>

<section class='main-body'>

<div class='big-box'>

<div class='box-2'></div>

<div class='box-2'></div>

<div class='box-2'></div>

</div>

<div class='big-box'>

<div class='box-3'></div>

<div class='box-3'></div>

</div>

<div class='big-box'>

<div class='box-4'>

<p style='text-align: justify'>Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. </p>

</div>

<div>

<img src='./img/elephant.jpg' alt='elephant'>

</div>

</div>

</section>

<footer class='footer'></footer>

</body>

</html>