<!DOCTYPE html>

<html>

<head>

<meta charset="utf-8">

<meta http-equiv="X-UA-Compatible" content="IE=edge">

<title>This is a Demo</title>

<meta name="viewport" content="width=device-width, initial-scale=1">

<link rel="stylesheet" href="./index.css">

</head>

<style>

#colorBlock {

width: 100px;

height: 100px;

background: black;

}

</style>

<body>

<div id="colorBlock">

</div>

<button onclick="changeColor()">Click me to change color</button>

<script>

//DOM document object model

const element = document.getElementById('colorBlock');

const changeColor = () => {

element.style.background = "red"

}

</script>

</body>

</html>

// // Nouns adjective and verbs.

// ///Basic Data Types

// 'abc' "abc" `abc` ///strings

// 10 //numbers

// /// ====> Int, Float

// true false //booleans

// null undefined /// Valueless

// NaN /// Not A Number.

// {} //Object nouns

// [] //arrays lists

// Josh

const josh = {

height: `5'11`,

weight: '180',

eyeColor: 'blue',

age: 26,

birthday:'11/05/1992',

email:'veryjoshua@gmail.com',

isMale: true,

isFemale: false,

livesInUSA: true,

address:{

street: '6020 roseate spoonbill Drive',

city: 'Windermere',

state: 'Florida',

ZipCode: '34786'

},

myFavoriteFoods:[`Pizza`, `Steak`, `Tamales`, `pozole`],

myFamilyMembers:[

{

name:'Lauren',

age: 22,

relationship:'Spouse'

},

{

name:'Eli',

age: 1,

relationship:'Child'

},

],

addPostive: function(num1, num2) {

if(num1 > num2){

return num1 - num2;

}else{

return num2 - num1

}

},

}

// > greater than

// < less than

// === equal to

// !== not equal to

// && both condition have to be true

// || either or have to be true.

console.log(josh.addPostive(1,2))

// const name = 'josh';

// const isTrue = false;

// const age = 26

// const arr = [

// [1,2,3],

// [4,5,6],

// [7,8,9]

// ];

// const dan = {

// isAmazingProgrammer: true,

// }

// const inSideArr = arr[2]

// console.log(inSideArr[1])

// /// variables

// var //es5

// let // es6 let me change what it points to.

// const //es6 constant

const falsy = null;

const falsy1 = undefined;

const falsy2 = 0;

const falsy3 = false;

const falsy4 = '';

const falsy5 = NaN;

const name = 'joshua'

if(name === 'josh'){

console.log("Hello josh");

}else if(name === 'dan'){

console.log("Welcome Dan");

}else{

console.log("We don't know you");

}

switch(name){

case 'josh' :

console.log("Hello josh");

break;

case 'Dan' :

console.log("Welcome Dan");

break;

default:

console.log("We don't know you");

break;

}

Collapse

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}

},

}

const num = 0

const name = `myFamilyMembers`

console.log(josh.myFavoriteFoods)

console.log(josh.myFavoriteFoods[num])

console.log(josh[name])

console.log(josh.myFavoriteFoods)

josh.myFavoriteFoods.push('tacos')

console.log(josh.myFavoriteFoods)

josh.myFavoriteFoods.unshift('watermelon')

console.log(josh.myFavoriteFoods)

josh.myFavoriteFoods[0] = "Chicken Nudgets";

console.log(josh.myFavoriteFoods)

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}

},

}

console.log(josh.myFavoriteFoods);

console.log(josh.myFavoriteFoods.length);

const doesThisPersonLikePizza = (arr) => {

let answer = false;

console.log(arr)

console.log(arr.length)

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

console.log(i)

if(arr[i] === "Pizza"){

answer = true;

}

}

return answer;

}

const doesThisPersonLikePizza2 = (arr) => {

let answer = false;

console.log(arr)

console.log(arr.length)

let i = 0;

while(i < arr.length){

console.log(i)

if(arr[i] === "Pizza"){

answer = true;

}

i++

}

return answer;

}

console.log(doesThisPersonLikePizza(josh.myFavoriteFoods))

console.log(doesThisPersonLikePizza2(josh.myFavoriteFoods))

//firstParam = indexToStartAt

//secondParam = how many things to remove default is everything

//thirdParam = thing to add

josh.myFavoriteFoods.splice(0, 0, 'other Thing');

console.log(josh.myFavoriteFoods)

Callbacks:

const caculate = (num1, num2, operatorFunc) => {

num1+=10;

num2+=10;

const answer = operatorFunc(num1, num2);

return answer;

}

const add = (num1, num2) => {

return num1 + num2;

}

const subtract = (num1, num2) => {

return num1 - num2;

}

const multiply = (num1, num2) => {

console.log(num1)

return num1 \* num2;

}

const divide = (num1, num2) => {

return num1 / num2;

}

console.log(caculate(3, 3, multiply))

const time = () => {

console.log('this ran first')

const cb = () => {

console.log('I waited a second')

}

setTimeout(cb, 5000)

}

time()