Is case sensitv

Every Statement ends with a smilikolon ;

/\* comment \*/

// one Line comment

Runs from Top to button

Has dynamic types = can changes types

console.log(age3); // outputs only in the console

document.write(age3 + " is youre new age"); //outputs on the page

Ein Bild, das Text, Screenshot, Software, Schrift enthält.

Automatisch generierte Beschreibung

Wird in der Console angezeigt

5 davor zeigt das es 5 mal angezeigt wird

Is a 0 bases language (starts counting from index for example at 0)

var links2 = document.getElementsByTagName("a");

for (i = 0 ; i < links2.length; i++){

    links[i].className= "link-"+ i;

}

Addes to every link a class with the name link-<number of i>

But not sure if its in the index.html file on the local thing too

Ein Bild, das Text, Elektronik, Screenshot, Software enthält.

Automatisch generierte Beschreibung

Function

function group code in logical staff together

function getAverage(a, b){  //give the function the variable a and b

    var average = (a + b) / 2;

    console.log(average);

}

//called the function out used it

getAverage(5,10); //gives out 7.5

getAverage(); //gives out an Nan because its a+b is not a number

getAverage(5,10,8); // give out 7.5  too, because everything that is to many in the paramenter will be ignort

function with return type

function getPrice (priceOne, amount){

    var price = priceOne \* amount;

    return price;

}

var myResult = getPrice(2, 15);

console.log(myResult +  "is the price");

Variable Scope

var foo = 20; Global variable

function myFunction (){

var bar = 10; local variable

}

typeof <variablename>; give the datatype

typeof (a+ b);

if(isNaN(d)){   //checkes if d is Not a Number (yes it is not a number so true)

    console.log (d + " is not a datatyp number");

}

if (!isNaN(d)) {   //checkes if d is Not NOT a Number (double negativ)

    console.log(d + " is a number")

}else {

    console.log (d + " is not a datatyp number");

}

Strings

//lower case letter is always greater than a uppercase Letter

console.log("a" < "b"); //true

console.log("a" < "B"); //false

console.log("A" < "b"); //true

console.log("A" < "B"); //true

var String1 = "abc";

var String2 = "cba";

var String3 = "ABC";

if (String1 === String2){ //false

    console.log("it is true");

}else {

    console.log("it is false");

}

if (String1 === String3){ // false because it is case senstiv

    console.log("it is true");

}else {

    console.log("it is false");

}

var myString = "I am an String";

if (myString.indexOf("ninja") === -1) {

    console.log("the word ninja is not in that string");

}

var test3 = "0123456789";

var Strg3 = test3.slice(2, 9);

document.write(Strg3); //2345678

var test4 = test3.slice(4); // von 4 till the end

console.log(test4);

var tags = "kiwi, apple, cherry, orange";

var tagsArray = tags.split(","); //splits the tags at every  comma and puts it into an array

console.log(tagsArray);

[String - JavaScript | MDN (mozilla.org)](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/String?retiredLocale=de)