**Hoofdstuk Intermediate JavaScript Programming Techniques**

**Activiteit 4 Oefenen**

var solution = a\*b+c+d\*e;

alert(a + " " + b + " "+ c + " "+ d + " " + e)

document.write("The total you are looking for is a\*b+c+d\*e = " + solution);

var f = (Number(a) \* Number(b) + Number(c));

var solution = (Number(a)\*Number(b)+Number(c)) + d\*e;

alert(a + " " + b + " "+ c + " "+ d + " " + e)

alert("a times b plus c is " + f);

var dtimese = d\*e;

alert("d times e = " + dtimese);

**Activiteit 15 Bestuderen**

// For loop

let numArray = [10, 20, 30, 40];

let newNumArray = [];

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

newNumArray.push(numArray[i] \* 2);

}

console.log(newNumArray); // [20,40,60,80]

// map

let numArray = [10, 20, 30, 40];

let newNumArray = numArray.map ( num => num \* 2);

console.log(newNumArray); // [20, 40, 60, 80]

**Activiteit 18 Bestuderen**

var backpack;

var hat;

backpack = new productObject("cp-01","CIW Backpack","Black woven backpack,

blue-green lettering","$25.00","images/backpack.jpg");

hat = new productObject("cp-02","CIW Hat","Brown canvas hat,

blue-green lettering","$20.00","images/hat.jpg");

const products = new Array();

products[0] = new productObject("cp-01","CIW Backpack",

"Black woven backpack, blue-green lettering","$25.00",

"images/backpack.jpg");

products[1] = new productObject("cp-02","CIW Hat",

"Brown canvas hat, blue-green lettering","$20.00","images/hat.jpg");

products[2] = new productObject("cp-03","CIW Suede Jacket",

"Green suede, blue lettering","$110.00","images/suede.jpg");

products[3] = new productObject("cp-04","CIW Rain Jacket",

"Green rainproof,blue lettering","$100.00","images/rain.jpg");

products[4] = new productObject("cp-05","CIW Polo Shirt",

"White mesh polo,green lettering","$30.00","images/polo.jpg");

function person (firstName, lastName, id) {

this.firstName = firstName;

this.lastName = lastName;

this.id = id;

this.fullName = function() {

return this.firstName + " " + this.lastName;

}

};

const somePerson = new person("John", "Doe", 10538);

console.log(somePerson.fullName()) // "John Doe"

**Activiteit 19 Voorbereiden**

function findItem(myArray, searchString) {

var i = 0;

while (i < myArray.length && myArray[i].id != searchString.toLowerCase()) {

i++;

}

if (i < myArray.length) {

let message = "";

message += "ID:\t" + myArray[i].id;

message += "\nItem:\t" + myArray[i].item;

return message;

}

else {

let message = "It appears you have entered a discontinued ID.\n";

message += "Please try again.";

return message;

}

}

**Hoofdstuk Applied JavaScript**

**Activiteit 2 Bestuderen**

document.getElementById("myBtn").addEventListener("click", onClickMyBtn);

function onClickMyBtn(){

console.log(document.getElementsByTagName("img")); // HTMLcollection[]

}

**Activiteit 3 Oefenen**

.covered, .uncovered {

position: absolute;

top: 5px;

left: 5px;

width: calc(100% - 10px);

height: calc(100% - 10px);

}

**Hoofdstuk JavaScript Technology Extensions**

**Activiteit 3 Bestuderen**

<!DOCTYPE html>

<html>

<head>

<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>

<script>

$(document).ready(function () {

$("p").click(function () {

$(this).hide();

});

});

</script>

</head>

<body>

<p>If you click on me, I will disappear.</p>

<p>Click me away!</p>

<p>Click me too!</p>

</body>

</html>