Verkefni 3

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1. Template literals leyfa þér að nota exspressions inn í strengjum

var a = 5;

var b = 10;

console.log('Fifteen is ' + (a + b) + ' and\nnot ' + (2 \* a + b) + '.');

// "Fifteen is 15 and

// not 20."

1. forEach er bara hægt að nota á arrays, það getur séð index og value.

For in getur farið í gegnum öll objects og getur séð lykla en ekki value

For of er ný leið til að fara í gegnum object í ES6 til þess að for of virki þarf object að hafa Symbol.iterator property

1. a)reverse()

b)sort()

c)shift() og splice()

d)join()

1. var test = [12, 929, 11, 3, 199, 1000, 7, 1, 24, 37, 4,

19, 300, 3775, 299, 36, 209, 148, 169, 299,

6, 109, 20, 58, 139, 59, 3, 1, 139

];

// Write your code here

test.forEach(function addhundred(tala,index,test){

if (test[index] % 3 === 0){

test[index]=test[index]+100;

console.log(test[index]);

}

});

console.log(test);

1. var bills = [50.23, 19.12, 34.01,

100.11, 12.15, 9.90, 29.11, 12.99,

10.00, 99.22, 102.20, 100.10, 6.77, 2.22

];

var totals = bills.map(function(elem){

elem=elem\*1.15;

return elem;

});

console.log(totals);

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

for (var x=0;x<numbers[i].length;x++){

if (numbers[i][x] % 2===0){

numbers[i][x]="even"

}

else{

numbers[i][x]="odd"

}

}

}

console.log(numbers)

1. function breakfast(name,price,ingredients){

this.name=name;

this.price=price;

this.ingredients=ingredients;

}oven

var breakfast = new breakfast("The Lumberjack","9.95","eggs, sausage, toast, hashbrowns, pancakes")

console.log(breakfast)

1. var savingsAccount = {

balance: 1000,

interestRatePercent: 1,

deposit: function addMoney(amount) {

if (amount > 0) {

savingsAccount.balance += amount;

}

},

withdraw: function removeMoney(amount) {

var verifyBalance = savingsAccount.balance - amount;

if (amount > 0 && verifyBalance >= 0) {

savingsAccount.balance -= amount;

}

},

// your code goes here

printAccountSummary:function printAccountSummary(){

return "Welcome!\n"+ "Your balance is currently $" + savingsAccount.balance + " and your interest rate is " + savingsAccount.interestRatePercent +"%.";

}

};

console.log(savingsAccount.printAccountSummary());

1. var donuts = [

{ type: "Jelly", cost: 1.22 },

{ type: "Chocolate", cost: 2.45 },

{ type: "Cider", cost: 1.59 },

{ type: "Boston Cream", cost: 5.99 }

];

// your code goes here

donuts.forEach(function(donut){

console.log(donut.type + " donuts cost $" + donut.cost + " each")

});

1. function pizza(price,name,size,alegg){

this.price=price;

this.name=name;

this.size=size;

this.alegg=alegg;

this.printPizza = function(){

return this.size + " " + this.name + " " + this.price + "kr (" + this.alegg + ")."

}

}

var margarita = new pizza("1499","Margarita","stór","ostur, extra ostur");

var texasBbq = new pizza("1999","Texas BBQ","stór","pepperoni, sveppir, hakk, BBQ")

console.log(margarita.printPizza());

console.log(texasBbq.printPizza());