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// Ex4.

var dog = {};

console.log(dog);

dog.name = "Tom";

dog.legs = 4;

dog.color = "white";

dog.age = 5;

dog.bark = "woof woof";

console.log(dog.name," ", dog.legs," ",dog.color," ",dog.age," ",dog.bark);

dog.breed = "Pug";

dog.getDogInfo = dog.name+", "+ dog.legs+", "+dog.color+", "+dog.age+", "+dog.bark + ", "+dog.breed;

console.log(dog);

const users = {

Alex: {

email: 'alex@alex.com',

skills: ['HTML', 'CSS', 'JavaScript'],

age: 20,

isLoggedIn: false,

points: 30

},

Asab: {

email: 'asab@asab.com',

skills: ['HTML', 'CSS', 'JavaScript', 'Redux', 'MongoDB', 'Express', 'React', 'Node'],

age: 25,

isLoggedIn: false,

points: 50

},

Brook: {

email: 'daniel@daniel.com',

skills: ['HTML', 'CSS', 'JavaScript', 'React', 'Redux'],

age: 30,

isLoggedIn: true,

points: 50

},

Daniel: {

email: 'daniel@alex.com',

skills: ['HTML', 'CSS', 'JavaScript', 'Python'],

age: 20,

isLoggedIn: false,

points: 40

},

John: {

email: 'john@john.com',

skills: ['HTML', 'CSS', 'JavaScript', 'React', 'Redux', 'Node.js'],

age: 20,

isLoggedIn: true,

points: 50

},

Thomas: {

email: 'thomas@thomas.com',

skills: ['HTML', 'CSS', 'JavaScript', 'React'],

age: 20,

isLoggedIn: false,

points: 40

},

Paul: {

email: 'paul@paul.com',

skills: ['HTML', 'CSS', 'JavaScript', 'MongoDB', 'Express', 'React', 'Node'],

age: 20,

isLoggedIn: false,

points: 40

}

}

var objarr = Object.values(users);

var g50 = 0;

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

let temp = Object.values(objarr[i]);

if(temp[4]>=50){

g50 = g50 + 1;

}

}

//console.log(objarr);

console.log(g50);

var keys = Object.keys(users);

console.log(keys);

function MERN(arr){

let m = false;

let e = false;

let r = false;

let n = false;

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

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

m = true;

}

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

e = true;

}

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

r = true;

}

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

n = true;

}

}

return m&&e&&r&&n;

}

var mernDevs = [];

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

let temp = users[keys[i]].skills;

if(MERN(temp)){

mernDevs.push(keys[i]);

}

}

console.log(mernDevs);