**Batch 19WD**

Assignment 1: Please click on the links below for the corresponding code

[Task0A](#_Task0A)

[Task0B](#_Task0B)

# Task0A

/\*Playing with JSON object’s Values:

Fluffy sorry, Fluffyy is my fav cat and it has 2 catFriends

Write a code to get the below details of Fluffyy so that

I can take him to vet.\*/

var cat = {

name: 'Fluffy',

activities: ['play', "eat cat food"],

catFriends: [

{

name: 'bar',

activities: ['be grumpy', 'eat bread omblet'],

weight: 8,

furcolor: 'white'

},

{

name: 'foo',

activities: ['sleep', 'pre-sleep naps'],

weight: 3

},

{

name: 'gty',

activities: ['dance', 'sing','write'],

weight: 3

}

]

}

//console.log(cat);

**/\*Add height and weight to fluffy \*/**

cat.height = 50;

cat.weight = 15;

for (let key in cat)

console.log(key);

/\*Update name to FLuffyy \*/

cat["name"]= "Fluffyy";

let act = "";

console.log(cat.name);

/\*List all the activities of Fluffyy’s catFriends.\*/

for (let j in cat.catFriends){

// console.log(j,cat.catFriends[j].activities);

for (let k in cat.catFriends[j].activities)

{

// console.log(k,cat.catFriends[j].activities[k]);

act = act + cat.catFriends[j].activities[k] + " ";

//console.log(act.trim(),k);

}

}

console.log(act.trim());

/\*Print the catFriends names.\*/

for (let j in cat.catFriends){

console.log("Name:" +cat.catFriends[j].name);

}

/\*Print the catFriends names.\*/

/\*Print the total weight of catFriends\*/

let sum = 0;

for (let j in cat.catFriends){

sum = sum + cat.catFriends[j].weight;

}

console.log(sum);

sum = 0;

/\*Print the total activities of all cats (op:6)\*/

for (let q in cat.activities){

console.log(cat.activities[q]);

sum++;

// console.log(sum,q);

}

let number=0;

for (var j in cat.catFriends){

// console.log(j,cat.catFriends[j].activities);

for (var k in cat.catFriends[j].activities)

{

// console.log(k,cat.catFriends[j].activities[k]);

act = act + cat.catFriends[j].activities[k] + " ";

//console.log(act.trim(),k);

number++;

}

}

number=number+sum;

console.log(number);

/\*Add 2 more activities to bar & foo cats\*/

let s1=0,s2=0;

for (let n in cat.catFriends){

/\* console.log(n,cat.catFriends[n].name);

console.log(cat.catFriends[n].activities.length);\*/

if (cat.catFriends[n].name==='bar')

{

s1 = cat.catFriends[n].activities.length-1;

//console.log(s1+"Bar");

cat.catFriends[n].activities[s1+1]="PORTER";

cat.catFriends[n].activities[s1+2]="DRIVER";

console.log(cat.catFriends[n].activities);

}

s1=0,s2=0;

if (cat.catFriends[n].name==='foo')

{

s1 = cat.catFriends[n].activities.length-1;

// console.log(s1+"Bar");

cat.catFriends[n].activities[s1+1]="Writer";

cat.catFriends[n].activities[s1+2]="Doctor";

console.log(cat.catFriends[n].activities);

}

if (cat.catFriends[n].name==='bar')

{

s1 = cat.catFriends[n].activities.length-1;

//console.log(s1+"Bar");

cat.catFriends[n].furcolour="whiebrowm";

console.log(cat.catFriends[n].furcolour);

}

}

/\*Update the fur color of bar\*/

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# Task0B

/\*Iterating with JSON object’s Values

Above is some information about my car. As you can see, I am not the best driver.

I have caused a few accidents.

Please update this driving record so that I can feel better about my driving skills.

\*/

var myCar = {

make: 'Bugatti',

model: 'Bugatti La Voiture Noire',

year: 2019,

accidents: [

{

date: '3/15/2019',

damage\_points: '5000',

atFaultForAccident: true

},

{

date: '7/4/2022',

damage\_points: '2200',

atFaultForAccident: true

},

{

date: '6/22/2021',

damage\_points: '7900',

atFaultForAccident: true

}

]

};

//1. Loop over the accidents array. Change atFaultForAccident from true to false.

for (let i in myCar.accidents){

myCar.accidents[i].atFaultForAccident= false;

//2. Print the dated of my accidents

console.log(myCar.accidents[i].date);

}

console.log(myCar);