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  
 }  
 ]  
}

console.log(cat);

1. Add height and weight to Fluffy

Solution:

cat.height = 10;

cat.weight = 4;

console.log(cat.height, cat.weight);

**Output:**

10 4

2.Fluffy name is spelled wrongly. Update it to Fluffyy

Solution:

cat.name = 'Fluffyy';

console.log(cat.name);

**Output:**

Fluffyy

3.List all the activities of Fluffyy’s catFriends.

Solution:

len = cat.catFriends.length;

for (var i = 0; i < len; i++) {

for (var j = 0; j < len; j++) {

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

**Output:**

be grumpy

eat bread omblet

sleep

pre - sleep naps

4.Print the catFriends names.

Solution:

for (i=0; i<len; i++) {

console.log(cat.catFriends[i].name);

}

**Output:**

bar

foo

5.Print the total weight of catFriends

Solution:

var total=0

for (i=0; i<len; i++){

total=total+parseInt(cat.catFriends[i].weight)

console.log(total)

}

**Output:**

8

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