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=100;  
cat.weight=200;

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

Solution:

Cat.name = ‘Fluffyy’;

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

Solution:

Var a =cat.catFriends.length;  
for (var i=0;i<a;i++){  
for(var j=0;j<a;j++){  
console.log(cat.catFriends[i].activities[j]);  
}  
}

console.log(cat);

4. Print the cat Friends names.

Solution:

for (var i=0;i<a;i++){  
console.log(cat.catFriends[i].name)  
}

console.log(cat);

5. Print the total weight of cat Friends

Solution:

var total=0  
for (var i=0;i<a;i++){  
total=total+parseInt(cat.catFriends[i].weight)  
}

console.log(total);

6. Print the total activities of all cats (op:6)

Solution:

var str=””;  
for (var i=0;i<a;i++){  
str+=cat.activities[i]+”:”  
for(var j=0;j<a;j++){  
str+=cat.catFriends[i].activities[j]+’ ‘;  
}  
str=str+’\n’  
}  
console.log(str.trim())  
console.log(cat)

7. Add 2 more activities to bar & foo cats

Solution:

8. Update the fur color of bar

Solution:

cat.catFriends[0].furcolor=’red’;

console.log(cat);