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  
 }  
 ]  
}

**1:** Add height and weight to Fluffy

Solution:

Cat.height=3,

Cat.weight=4,

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

Solution:

Cat.name=”fluffy”;

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

Solution:

Console.log(cat.catFriends[0].activities);

Console.log(cat.catFriends[1].activities);

4:Print the catFriends names.

Solution:

Console.log(cat.catFriends[0].name);

Console.log(cat.catFriends[1].name);

5:Print the total weight of catFriends

Solution:

var total=cat.catFriends[0].weight + cat.catFriends[1].weight,

console.log(total);

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

Solution:

console.log(cat.activities),

console.log(cat.catFriends[0].activities[0]),

console.log(cat.catFriends[0].activities[1]),

console.log(cat.catFriends[1].activities[0]),

console.log(cat.catFriends[1].activities[1]),

7:Add 2 more activities to bar & foo cats

Solution:

cat.catFriends[0].activities[2]="be lazy",

cat.catFriends[1].activities[2]="be active",

8:Update the fur color of bar

Solution:

cat.catFriends[0].furcolor="grey",