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 = 22;

cat.weight =9;

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

Solution :

cat.name = “Fluffyy”;

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

Solution :

console.log("Activities of Fluffy's cat friends are :");

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

1. Print the catFriends names.

Solution :

Console.log(“The names of catFriends are : “);

console.log(cat.catFriends[0].name, ",", cat.catFriends[1].name);

1. Print the total weight of catFriends

Solution :

Console.log (“The total weight of catFriends is

console.log(cat.catFriends[0].weight + cat.catFriends[1].weight);

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

Solution :

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

1. Add 2 more activities to bar & foo cats

Solution :

cat.catFriends[0].activities[2] = "jump";

cat.catFriends[0].activities[3] = "Walk";

cat.catFriends[1].activities[2] = "Drink water";

cat.catFriends[1].activities[3] = "Run";

1. Update the fur color of bar

Solution :

cat.catFriends[0].furcolor = "brown";