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

cat.height= 9;

cat.weight=8;

console.log(cat);

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

cat.name="fluffyy";

console.log(cat);

1. List all the activities of Fluffyy’s catFriends

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

4.Print the catFriends names.

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

1. Print the total weight of catFriends

var b = (cat.catFriends[0].weight);

var a = (cat.catFriends[1].weight);

console.log(b+a);

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

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

1. Add 2 more activities to bar & foo cats

cat.catFriends[0].activities.push("play" , "sleep");

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

cat.catFriends[1].activities.push("always sleep" , "itching");

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

1. Update the fur color of bar

console.log(cat.catFriends[0].furcolor="green");