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 ={height: 24};

console.log(cat.height);

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);

1. Print the catFriends names

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

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

5 Print the total weight of catFriends

cat.catFriends[0].weight

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

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

7 Add 2 more activities to bar & foo cats

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

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

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

cat.catFriends[1].activities[1] = "jumping";

cat.catFriends[1].activities[2] = "rolling";

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

8 Update the fur color of bar

cat.catFriends.furcolor = "gray";

console.log(cat.catFriends.furcolor);