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

}

]

}

**Basic Tasks to play with JSON**

1. Add height and weight to Fluffy

cat.height = '30';

cat.weight = ‘5’

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

cat.name = 'Fluffyy' ;

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

var l = cat.catFriends.length;

var catFriendsActivities=[]

for(var i=0;i<l;i++){

catFriendsActivities.push(cat.catFriends[i].activities)

}

console.log("cat Friends Activities : "+ catFriendsActivities)

1. Print the catFriends names.

var catFriendsName=[]

for(var i=0;i<l;i++){

catFriendsName.push(cat.catFriends[i].name)

}

console.log("cat Friends Names : "+ catFriendsName)

1. Print the total weight of catFriends

var totalWeight=0;

for(var i=0;i<l;i++){

totalWeight +=(cat.catFriends[i].weight)

}

console.log("cat Friends Weight : "+ totalWeight)

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

console.log("cats total Activities : "+ catFriendsActivities+','+cat.activities)

1. Add 2 more activities to bar & foo cats

cat.catFriends[0].activities.push('cry','meavoo') ;

cat.catFriends[1].activities.push('rest','relax')

1. Update the fur color of bar

cat.catFriends[0].furcolor='black'