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

}

]

};

**/"Fluffyy cat details:"/;**

cat.heigth = 10;

cat.weigth = 20;

cat.name = 'Fluffyy';

/"catFriends activities:"/;

for(i=0; i<cat.catFriends.length; i++)

{

for(j=0; j<cat.catFriends[i].activities.length; j++)

{

console.log(cat.catFriends[i].activities[j]);

}

}

/"Names:"/;

for(i=0; i<cat.catFriends.length; i++)

{

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

}

**/"total weigth of catFriends:"/;**

var totalWeight =0;

for(i=0; i<cat.catFriends.length; i++)

{

totalWeight += cat.catFriends[i].weight;

}

console.log(totalWeight);

/"all cat activities:"/;

for(i=0; i<cat.length; i++)

{

for(j=0; j<cat.activities.length; j++)

{

console.log(cat[i].activities[j]);

}

}

**/"Add 2 more activities to bar & foo cats"/;**

cat.catFriends[0].activities.push('running');

cat.catFriends[1].activities.push('jumping');

/"Update the fur color of bar"/;

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

console.log(cat);