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);

**Questions:**

1. Add height and weight to Fluffy

Ans : cat.weight = 8;

cat.height = 3;

console.log(cat);

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

Ans : cat.name = 'Fluffyy';

1. List all the activities of Fluffyy’s catFriends

Ans : for(var i= 0; i< 4; i++)

{

for(var j=0; j<2; j++)

{

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

}

}

1. Print the catFriends names.

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

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

1. Print the total weight of catFriends.

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

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

Ans : console.log((cat.activities.length)+(cat.catFriends[0].activities.length)+(cat.catFriends[1].activities.length));

1. Add 2 More activities to bar & foo cats.

Ans : cat.catFriends[0].activities[2] = "Activity 1";

cat.catFriends[0].activities[3] = "Activity 2";

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

cat.catFriends[1].activities[3] = "Activity 2";

1. Update the fur color of bar.

Ans : cat.catFriends[0].furcolor="black";