# Problem 0 : Part A

## Playing with JSON object’s Values:

Fluffy sorry, Fluffyy is my fav cat and it has 2 catFriends  
Write a code to get the below details of Fluffyy so that  
I can take him to vet.

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);

# ****Basic Tasks to play with JSON****

1. Add height and weight to Fluffy

Solution : Add cat.height = 10;

Add cat.weight = 20;

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

Solution : Update

cat.name = “fluffyy”;

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

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

1. Print the catFriends names

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

1. Print the total weight of catFriends

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

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

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

1. Add 2 more activities to bar & foo cats

Solution : cat.catFriends[0].activities = ["be grumpy", "eat bread omblet","sleepyface", "troublesome"];

cat.catFriends[1].activities = ["sleep", "pre-sleep naps","plays", "toys"];

1. Update the fur color of bar

Solution : cat.catFriends[0].furcolor="black"