Problem 0 : Part A (15 mins):

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

var cat = {  
 name: ‘Fluffy’,  
 activities: [‘play’, ‘eat cat food’],  
 weigth: 4, height:6  
 }

console.log(cat);

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

var cat = {  
 name: ‘Fluffy’,  
 activities: [‘play’, ‘eat cat food’],  
 weigth: 4, height:6  
 }

cat.name=”Fluffyy”;

console.log(cat);

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

var cat = {  
 name: ‘Fluffy’,  
 activities: [‘play’, ‘eat cat food’],  
 weigth: 4, height:6  
 }

name1: ‘bar’,  
activities1: [‘be grumpy’, ‘eat bread omblet’],  
weight: 8,  
furcolor: ‘white’  
},   
{  
name2: ‘foo’,  
activities2: [‘sleep’, ‘pre-sleep naps’],  
weight: 3  
}  
]  
}

console.log(cat.activities);

4.Print the catFriends names.

var cat = {  
 name: ‘Fluffy’,  
 activities: [‘play’, ‘eat cat food’],  
 weigth: 4, height:6  
 }

name1: ‘bar’,  
activities1: [‘be grumpy’, ‘eat bread omblet’],  
weight: 8,  
furcolor: ‘white’  
},   
{  
name2: ‘foo’,  
activities2: [‘sleep’, ‘pre-sleep naps’],  
weight: 3  
}  
]  
}

console.log(cat.name+” “+cat.name1+” “+cat.name2);

5.Print the total weight of catFriends

var cat = {  
 name: ‘Fluffy’,  
 activities: [‘play’, ‘eat cat food’],  
   
 }

name1: ‘bar’,  
activities1: [‘be grumpy’, ‘eat bread omblet’],  
weight: 8,  
furcolor: ‘white’  
},   
{  
name2: ‘foo’,  
activities2: [‘sleep’, ‘pre-sleep naps’],  
weight1: 3  
}  
]  
}

var z = cat.weight+cat.weight1;

console.log(z);

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

var cat = {  
 name: ‘Fluffy’,  
 activities: [‘play’, ‘eat cat food’],  
   
 }

name1: ‘bar’,  
activities1: [‘be grumpy’, ‘eat bread omblet’],  
weight: 8,  
furcolor: ‘white’  
},   
{  
name2: ‘foo’,  
activities2: [‘sleep’, ‘pre-sleep naps’],  
weight1: 3  
}  
]  
}

console.log(cat.activities+” “+cat.activities1+” “+cat.activities2);

7. Add 2 more activities to bar & foo cats

var cat = {  
 name: ‘Fluffy’,  
 activities: [‘play’, ‘eat cat food’],  
   
 }

name1: ‘bar’,  
activities1: [‘be grumpy’, ‘eat bread omblet’],  
weight: 8,  
furcolor: ‘white’  
},   
{  
name2: ‘foo’,  
activities2: [‘sleep’, ‘pre-sleep naps’],  
weight1: 3  
}  
]  
}

cat.activities1=[‘playing’,’jumping’];

cat.activities2=[‘singinig’,’eating’];

console.log(cat.activities+” “+cat.activities1+” “+cat.activities2);

8.Update the fur color of bar

var cat = {  
 name: ‘Fluffy’,  
 activities: [‘play’, ‘eat cat food’],  
   
 }

name1: ‘bar’,  
activities1: [‘be grumpy’, ‘eat bread omblet’],  
weight: 8,  
furcolor: ‘white’  
},

cat.furcolor= ‘green’;

console.log(cat.furcolor);