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:// cat.height="9";

cat.weight="5";

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

Solution://console.log(cat.name="Fluffyy");

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

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

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

4. Print the catFriends names.

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

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

5. Print the total weight of catFriends

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

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

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

7.Add 2 more activities to bar & foo cats

Solution:// cat.catFriends[0].activities[2]="drink milk",

cat.catFriends[0].activities[3]="naughty";

cat.catFriends[1].activities[2]="eats fish";

cat.catFriends[1].activities[3]="makes mess";

console.log(cat.catFriends[0].activities);

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

8. Update the fur color of bar

cat.catFriends[1].furcolor="dusky";

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