1.For the given JSON iterate over all for loops (for, for in, for of, forEach)

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  
 }

,

{  
 name: ‘shoo’,  
 activities: [‘sleep’, ‘pre-sleep naps’],  
 weight: 9  
 }

]  
}console.log(cat);

1. For

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

{

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

}

Output🡪

bar

foo

shoo

1. For in

🡪for(var i in cat.catFriends){ console.log(cat.catFriends[i].name)}

Output🡪

bar

foo

shoo

1. For of

🡪

for(var t of cat.catFriends)

{

console.log(t.name)

}

Output🡪

bar

foo

shoo

4.foreach

🡪 cat.catFriends.forEach(element => console.log(element.name));

Output🡪

bar

foo

shoo