# 实现深拷贝

## 代码

function deepCopy(o) {  
 if (typeof o !== "object") return o;  
 let n;  
 if (Array.isArray(o)) {  
 n = new Array(o.length);  
 o.forEach((v,i) => (n[i] = deepCopy(v)));  
 }  
  
 // reg math function 等其他类型暂时不考虑  
 else if (!Array.isArray(o)) {  
 n = {};  
 Object.keys(o).forEach(key => {  
 n[key] = deepCopy(o[key]);  
 });  
 }  
  
 return n;  
}  
  
const a = {  
 a: [  
 1,  
 [4],  
 {  
 a: {  
 c: [4]  
 }  
 }  
 ]  
}  
  
const b = deepCopy(a);  
  
a.c = "c";  
console.log(a);  
console.log(b);  
console.log(a.c);  
console.log(b.c);