**Copy by value a composite datatype (array+objects)**

There are 3 ways to copy by value for composite data types.

1. Using the spread (...) operator
2. Using the Object.assgin()method
3. Using the JSON.stingify() and JSON.parse() methods.

**Spread(…):**

var arr1=[10,20,30];

var arr2=[…a];

arr2[2]=100;

console.log(arr1); //output=[10,20,30]

console.log(arr2); //output=[10,20,100]

**Object.assign():**

var arr1=[10,20,30]

var arr2=Object.assign([],arr1);

arr2[2]=100;

console.log(arr1); //output=[10,20,30]

console.log(arr2); //output=[10,20,100]

**JSON.stringify() & JSON.parse():**

var arr1=[10,20,30]

var arr2=JSON.parse(JSON.stringify(arr1));

arr2[2]=100;

console.log(arr1); //output=[10,20,30]

console.log(arr2); //output=[10,20,100]