

Shallow copy : In shallow copy , there is one source object and another object copy the source object using shallow copy due to which object sharing the same reference for all the properties. So that change in source object reflected in the copy object as well.

Example :

```
const a={
  en : 'Hello',
  de : 'Hallo',
  es : 'Hola',
  pt : 'Ola',
}
let b=a; // shallow code , changes made in source object that should reflect in copy object
b.de='0i';
console.log(b.de);
console.log(a.de);
```

Deep Copy : In deep basically copy of one object to another object , in such a way the properties sharing by the both object having different reference , so changes made in the one object does not reflected in another object.

Example :

```
const originalArray = [10,20,[30,35]];
const deepCopy = JSON.parse(JSON.stringify(originalArray));
deepCopy[2][0]=99;
console.log(originalArray); // original array not changing
console.log(deepCopy); // copy array changed
```