**Copy by value:**

It work for the primitive data types like (Numbers, string, Boolean, ....), Which provides separate memory for each data. Such that a change or command given to a single data doesn’t affect the other one and copy by value is also considered as Deep copy.

**Copy by Reference:**

It works on Composite data types like (Array, object) Which provides a single memory for a data type and any change in between the targeted data will afftect the other one associated with it. Copy by reference is also considered as Shallow copy.

**Copy by value a composite data type:**

We can copy by value a composite data type by using three different operators

* Spread operator (...)
* Object.assign()
* JSON.parse(Jason.stringtfy())