**2.Difference between copy by value and copy by reference?**

**Copy By Value**

In Copy by value the data which variable hold is passed to another variable . Both the variables refers two different memory locations

**Copy by reference**

For composite data types objects are copied by reference. Actual variable and copied variable both refer to same memory location . SO change in data of copied variable will lead to change in data of original variable too

**3.How do you copy by value a composite data types?**

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

1. Using the spread (...) operator
2. Using the Object.assign() method (Shallow Copy )
3. Using the JSON.stringify() and JSON.parse() methods (Deep Copy)