```
//============== FUNCTION & OBJECT ==================

// OBJECT is key value pair

let position = {

    x: 10,
    y: 20,
}
// object can be assign
// the basic difirence primitive and object is
// let x = 10;
// let y = x; here copy of x into y
// but copy object means point same object both variable..

let myPosition = position;

console.log(position); // {x: 10, y: 20};
console.log(myPosition);  // {x: 10, y: 20};

// if we change any object variable then it change in both case..

myPosition.x = 15;

console.log(position); // {x: 15, y: 20};
console.log(myPosition); // {x: 15, y: 20};


//==============Function inside the object....

let contry = {
    x: 10,
    y: 40,
    print: function() {
        // this key word indicate the object key?? x and y
        console.log(`x: ${this.x}, y: ${this.y}`);
    },
}

contry.print();

//============== Nested Object and asscess....
let houseObject = {
    x: "First Room",
    y: "Second Room",

    // nested Object...
    myRoomObject: {
        table: "I have a laptop",
        book: "Programming",
    }
}

```

```
54  // acess only object
55  let temp = houseObject.x;
56  console.log(temp); // First Room
57
58  // acess the object function ...
59  let tempN = houseObject.myRoomObject.table;
60  console.log(tempN); // I have a laptop
61  console.log(houseObject.myRoomObject.book); // programming
```