Day-5

demo1.ts

demo2.ts

```
//Functions that return multiple values (JS interview Question)

function operation(a:number,b:number){
    return ([a+b,a-b,a*b,a/b,((a+b)/((a+b)/(a-b)))]);
}

let [add,sub,mul,div,fun]=operation(30,15);
console.log(`
    Addition = ${add}
    Substraction = ${sub}
    Multiplication = ${mul}
    Divison = ${div}
    Function = ${fun}
`)
```

demo3.ts

```
//Json Object
// java script object notation
// Key & value format
let obj={
   id:101,
```

```
fname:'Ankush ',
   lname:'Kamble'
// console.log(`
     First Name :: ${obj.fname},
     Last Name :: ${obj.lname},
      Id :: ${obj.id}
// console.log(`
      First Name :: ${obj["fname"]},
     Last Name :: ${obj['lname']},
      Id :: ${obj['id']}
         lname:'Kamble'
         id:10,
      First Name :: ${arrobj[1].fname},
      Last Name :: ${arrobj[1].lname},
      Id :: ${arrobj[1].id}
```

```
let arrobj=[
        id:9,
        fname:'Ankush ',
        lname:'Kamble',
        country:{
            cid:101,
            cname:"India"
        },
        month:['Jan','Nov','Mar'],
        result:[
                sub: "Engineering Thermodynamics",
                marks: 80
            },
                sub: "Strength of Materials",
                marks: 70
            },{
                sub: "Refrigeration and Air-Conditioning",
                marks: 85
        id:10,
        fname:'Anshul ',
        lname:'Kamble',
        country:{
            cid:102,
            cname:"Australia"
        },
        month:['Dec','Jul','Feb'],
        result:[
                sub: "English",
                marks: 69
            },
                sub: "Hindi",
                marks: 71
            },{
                sub: "Maths",
                marks: 59
```

```
id:10,
        fname:'Aman',
        lname:'Ukhalkar',
        country:{
            cid:102,
            cname:"India"
        },
        month:['Mar','Aug','May'],
        result:[
                sub: "Engineering Thermodynamics",
                marks: 95
            },
                sub: "Strength of Materials",
                marks: 90
            },{
                sub: "Refrigeration and Air-Conditioning",
                marks: 99
for(let i=0;i<arrobj.length;i++)</pre>
   console.log(`
   First Name :: ${arrobj[i].fname}
   Last Name :: ${arrobj[i].lname}
               :: ${arrobj[i].id}
    Id
               :: ${arrobj[i].country.cname}
                 :: ${arrobj[i].month.join(" ")}
   Month
             ----Result-----
    for(let j=0;j<arrobj[i].result.length;j++)</pre>
        console.log(`
            Subject :: ${arrobj[i].result[j].sub}
           Marks :: ${arrobj[i].result[j].marks}
```