

➤ **Lab-8**➤ **1. Demonstrate map() method.**

```
<html>
  <head></head>
  <body>
    <script>
      student=[
        {name:"Vraj",rollno:225,city:"Morbi"},
        {name:"Tushar",rollno:101,city:"rajokt"},
        {name:"Pratik",rollno:228,city:"rajkot"}
      ]
      let ans=student.map((temp)=>{
        console.log("name:"+temp.name+"--rollno:"
          +temp.rollno+"--city:"+temp.city);
      })
    </script>
  </body>
</html>
```

name:Vraj--rollno:225--city:Morbi	18_1.html:11
name:Tushar--rollno:101--city:rajokt	18_1.html:11
name:Pratik--rollno:228--city:rajkot	18_1.html:11
Live reload enabled.	18_1.html:42

➤ **2. Demonstrate Filter() method.**

```
<html>
  <head></head>
  <body>
    <script>
      student=[
        {name:"Vraj",rollno:225,city:"Morbi"},
        {name:"Tushar",rollno:101,city:"Morbi"},
        {name:"Pratik",rollno:228,city:"rajkot"}
      ]
      let ans=student.filter((temp)=>{
        if(temp.city=="Morbi")
        {
          return temp;
        }
      })
      console.log(ans);
    </script>
  </body>
</html>
```



```
▼ Array(2) i
  0: {name: 'Vraj', rollno: 225, city: 'Morbi'}
  1: {name: 'Tushar', rollno: 101, city: 'Morbi'}
  length: 2
  [[Prototype]]: Array(0)
18_2.html:16

▼ Array(2) i
  0: {city: 'Morbi', name: 'Vraj', rollno: 225}
  1: {city: 'Morbi', name: 'Tushar', rollno: 101}
  length: 2
  [[Prototype]]: Object
18_2.html:46
```

Live reload enabled.

➤ **3. Demonstrate Find() method.**

```
<html>
  <head></head>
  <body>
    <script>
      student=[
        {name:"Vraj",rollno:225,city:"Morbi"},
        {name:"Tushar",rollno:101,city:"Morbi"},
        {name:"Pratik",rollno:228,city:"rajkot"}
      ]
      let ans=student.find((temp)=>{
        if(temp.city==="Morbi")
        {
          return temp;
        }
      })
      console.log(ans);
    </script>
  </body>
</html>
```

```
▼ Object i
  city: "Morbi"
  name: "Vraj"
  rollno: 225
  ► [[Prototype]]: Object
```

➤ **4. Demonstrate every() method.**

```
<html>
  <head></head>
  <body>
    <script>
      student=[
        {name:"Vraj",rollno:225,city:"Morbi"},
        {name:"Tushar",rollno:10,city:"rajkot"},
        {name:"Pratik",rollno:228,city:"rajkot"}
      ]
      let ans=student.every((temp)=>{
        if(temp.rollno>100)
        {
          return temp;
        }
      })
      console.log(ans);
    </script>
  </body>
</html>
```

False