

Practical-4

Aim: JS Object

- Create JavaScript Object of Spoural Registration User input and Display the Object Details on Webpage(Table)

```
<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Spoural</title>
</head>

<body>
  <h1>SPOURAL FORM DETAILS</h1>
  <table id="t"></table>
  <button id="Details" >Details</button>
  <style>
    table,tr,td{
      border: 2px solid pink;
    }
  </style>
  <script>
    let srui = {
      Name: "Pari",
      Branch: "IT",
      Id: "d22it190",
      Sem: '4th',
    }
    let tbl = document.getElementById("t");
    function prachi() {
      Object.entries(srui).forEach(([key, value]) => {
        var tr = document.createElement('tr');
        var td = document.createElement('td');
        td.innerHTML = key;
        tr.appendChild(td);
        tbl.appendChild(tr);
        td = document.createElement('td');
        td.innerHTML = value;
        tr.appendChild(td);
        tbl.appendChild(tr);
      });
    }
    let btn = document.getElementById('Details');
    btn.onclick = () => {
      prachi()
    }
  </script>
</body>
</html>
```

Output:

SPOURAL FORM DETAILS

Details

Name	Pari
Branch	IT
Id	d22it190
Sem	4th

Details

Conclusion: In this practical we learn that how use button and after pressing showing details JavaScript.

- Create Car Object and Its methods like is Fuel Type (CNG, Petrol, Diesel, Hybrid), is Type(like SUV, Hatchback, Luxury), is Brand(like BMW, Audi, Tata, Mahindra)

```

• <!-- Create Car Object and Its methods like isFuelType(CNG, Petrol, Diesel, Hybrid),
isType(like SUV, Hatchback,Luxury), isBrand(like BMW, Audi,
• Tata, Mahindra) -->
•
• <!DOCTYPE html>
• <html lang="en">
•
• <head>
•   <meta charset="UTF-8">
•   <meta http-equiv="X-UA-Compatible" content="IE=edge">
•   <meta name="viewport" content="width=device-width, initial-scale=1.0">
•   <title>Cars</title>
• </head>
•
• <body>
•   <!-- <button id="btn">show</button> -->
•   <script>
•     const car = {
•       isFuelType: "PETROL",
•       isType: "SPORTS ",
•       isBrand: "BMW",
•       display() {
•         // console.log(`this car use ${this.isFuelType}. type of this car is
${this.isType} and brand is ${this.isBrand}`);
•         document.write(`<h1>Called by an object</h1>The car uses
${this.isFuelType}. The type of the car is ${this.isType} and brand is
${this.isBrand}<br>`);
•       },
•     };
•     console.log(car.display())
•     function GetDetail(petrol, Hatchback, Audi) {
•       this.isFuelType = petrol;
•       this.isType = Hatchback;
•       this.isBrand = Audi;
•       this.display = function () {
•         document.write(`<h1>Constructor called</h1>The car uses
${this.isFuelType}. The type of the car ${this.isType} and brand is
${this.isBrand}`);
•       }
•     };
•     let ans = new GetDetail("Diesel","SEDAN","KIA SELTOS")

```

```
•     console.log(ans.display());  
•     </script>  
• </body>  
•  
• </html>
```

Output:

Called by an object

The car uses PETROL. The type of the car is SPORTS and brand is BMW

Constructor called

The car uses Diesel. The type of the car SEDAN and brand is KIA SELTOS

Conclusion: In this practical we learn how to use object and constructors.