

## 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: "Prachi",
      Branch: "IT",
      Id: "d22it212",
      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:**

← → ↻ ⓘ File | C:/Users/prach/Documents/CHANGA/html%20wt

## SPOURAL FORM DETAILS

**SPOURAL FORM DETAILS**

Details

Name	Prachi
Branch	IT
Id	d22it212
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.