

Practical – 4

AIM: Create Javascript Object of Spoural Registration User input and Display the Object Details on Webpage(Table)

Source Code:

```
<!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>Document</title>
  <style>
    table,
    tr,
    td {
      border: 2px solid black;
    }
  </style>
</head>

<body>
  <h1>spoural form detail</h1>
  <table id="t"></table>
  <button id="show">show</button>
  <script src="./spoural.js"></script>
</body>

</html>
```

```
let obj = {
  name: "Kotak Hiranj",
  branch: "IT",
  id: "21IT068",
  sem: '4th',
}
let tbl = document.getElementById("t");
function suit() {
  Object.entries(obj).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('show');
btn.onclick = () => {
    suit()
}
```

Output:

spoural form detail

name	Kotak Hiranj
branch	IT
id	21IT068
sem	4th
show	

AIM: Create Car Object and Its methods like isFuelType(CNG, Petrol, Diesel, Hybrid), isType(like SUV, Hatchback,Luxury), isBrand(like BMW, Audi, Tata, Mahindra)

Source Code:

```
<!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>
  <script src="./car.js"></script>
</body>

</html>
```

```
const car = {
  isFuelType: "CNG",
  isType: "SUV",
  isBrand: "BMW",
  display() {
    document.write(`<h1>calling by object</h1>this car
use ${this.isFuelType}. type of this car is ${this.isType} and brand is
${this.isBrand}<br>`);
  },
};
console.log(car.display())
function GetDetail(fuel, type, brand) {
  this.isFuelType = fuel;
  this.isType = type;
  this.isBrand = brand;
  this.display = function () {
    document.write(`<h1>calling by Constructor</h1>this car
use ${this.isFuelType}. type of this car is ${this.isType} and brand is
${this.isBrand}`);
  }
};
let ans = new GetDetail("Diesel", "Luxury", "Tata")
console.log(ans.display());
```

Output:**calling by object**

this car use CNG. type of this car is SUV and brand is BMW

calling by Constructor

this car use Diesel. type of this car is Luxury and brand is Tata

Conclusion: from the above program I have learned the usage of objects in javascript.