

Practical : 4

Aim 1: Create JavaScript Object of Spoural Registration User input and Display the Object Details on Webpage(Table).

Program:

```
<!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>
</head>
<body>
  <h1>Spoural form detail</h1>
  <table id="t"></table>
  <button id="show" >Show</button>
  <style>
table,tr,td{
border: 2px solid pink;
}
</style>
<script>
let srui = {
name: "Harshita",
branch: "IT",
id: "21IT049",
sem: '4th',
```

```
}  
  
let tbl = document.getElementById("t");  
function het() {  
  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('show');  
btn.onclick = () => {  
  het()  
}  
  
</script>  
</body>  
</html>
```

Output:

Spoural form detail

name	Harshita
branch	IT
id	21IT049
sem	4th

Aim 2: Create Car Object and Its methods like isFuelType(CNG, Petrol, Diesel, Hybrid), isType(like SUV, Hatchback,Luxury), isBrand(like BMW, Audi, Tata, Mahindra) Demonstrate : this keyword in constructor, method etc.

Program :

```
<!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: "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(petrol, Hatchback, Audi) { this.isFuelType = petrol;  
this.isType = Hatchback; this.isBrand = Audi; 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());  
</script>  
</body>  
</html>
```

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 this practical I learnt java script language in basic level and how to apply different types of concepts in java script like java script object.