

## **Practical – 4**

**AIM:**

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

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.

**Source Code:**

**HTML FILE:**

```
<table>
<tr>
<th>Name</th>
<th>Email</th>
<th>Password</th>
</tr>
<tr>
<td>{{user.name}}</td>
<td>{{user.email}}</td>
<td>{{user.password}}</td>
</tr>
</table>
```

**JavaScript File:**

```
function User(name, email, password) {
    this.name = name;
    this.email = email;
    this.password = password;
}

var user = new User("vaidik", "21it047", "CHARUSTA");
function Car(fuelType, carType, carBrand) {
    this.fuelType = fuelType;
    this.carType = carType;
    this.carBrand = carBrand;
    this.isFuelType = function(fuelTypeCheck){
        return this.fuelType === fuelTypeCheck;
    }
    this.isType = function(carTypeCheck){
```

```

        return this.carType === carTypeCheck;
    }
    this.isBrand = function(carBrandCheck){
        return this.carBrand === carBrandCheck;
    }
}

```

```

var car = new Car("Petrol", "SUV", "BMW");
console.log(car.isFuelType("Petrol")); // true
console.log(car.isType("SUV")); // true
console.log(car.isBrand("BMW")); // true

```

### Output:

The screenshot shows the OneCompiler interface with the following details:

- Script.js:** The active file contains the provided JavaScript code.
- Output:** The right panel displays the results of the code execution, showing the output of `console.log` statements.
- Feedback:** A sidebar on the right indicates there is 1 feedback message.
- System Bar:** At the bottom, it shows system icons for search, taskbar, and date/time (16-01-2023, 03:07 PM).

### Conclusion:

Through JavaScript Object we can make simple backend for application form or registration form and display user to what data he add on form.

### Course Outcome:

JavaScript object is basically used for simple backed service.