

# JSON

## Challenge 1:

### Steps:

- Open VS code.
- Select New File in the opened folder...
- Save the file in the appropriate folder/ create the folder and save the file with extension.
- Copy and Add the below given JS code in the file.

```
<!DOCTYPE html>
<html>
<head>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width">
  <title>JSON</title>
</head>
<body>
  <h2>JSON</h2>
  <p id="demo"></p>
  <script>
const myDetails = '{"name":"Prem", "age":50, "car":"Creta"}';
const object = JSON.parse(myDetails);
document.getElementById("demo").innerHTML = object.car;
</script>
</body>
</html>
```

- View the file in the browser, by right click on the file name in the left pane.
- View of file in browser.



**Problem statement:**

With your knowledge gained on JSON consider creating an object in javascript listing details of a school giving the following output.

## JSON example

**School Name = SBOA**

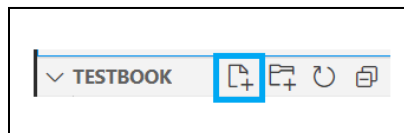
**Year = 1988**

**Rank in the city = 1**

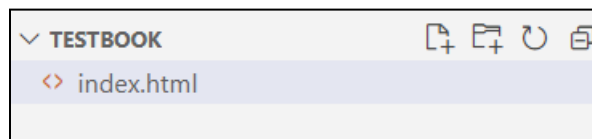
**No. of students studying = 1000**

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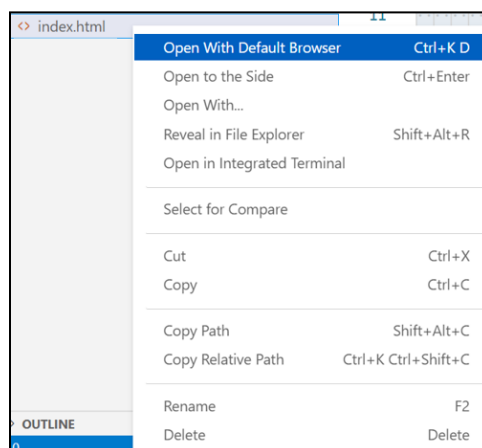
- The file in the VS Code appears with file extension after saving

**Sample code:**

```
<!DOCTYPE html>
<html>
  <head>
    <title>JSON Object creation</title>
    <script>
      var JSONObj = { "name" : "SBOA",
                      "year"  : 1988,
                      "rank"  : 1,
                      "students" : 1000 };

      document.write("<h1>JSON example</h1>");
      document.write("<br>");
      document.write("<h3>School Name = "+JSONObj.name+"</h3>");
      document.write("<h3>Year = "+JSONObj.year+"</h3>");
      document.write("<h3>Rank in the city = "+JSONObj.rank+"</h3>");
      document.write("<h3>No. of students studying = 
"+JSONObj.students+"</h3>");
    </script>
  </head>
  <body>
  </body>
</html>
```

- View the file in the browser, by right click on the file name in the left pane.



**Sample Output:**

