

Create JSON from String (part-2)

eval()

eval() is a substitute for [JSON.parse\(\) function](#) to **convert a JSON text into a JavaScript object.**

Sample Code:

```
<!DOCTYPE html>
<html>
<body>
<h1 style="color:blue">WikiTechy - learn json basics - json step by step
tutorials</h1>
</br>
<h2 id="WikiTechy_ParagraphTag" style="color:green"></h2>
<script>
var WikiTechy_employees =
    '{"employees":[' +
        '{"firstName":"venkat","lastName":"jayaka" },' +
        '{"firstName":"jln","lastName":"jayaka" }]}';
obj = eval ("(" + WikiTechy_employees + ")");
```



```
document.getElementById("WikiTechy_ParagraphTag").innerHTML =  
    "First Employee is :" + obj.employees[0].firstName + " "  
        + obj.employees[0].lastName  
    + "</br></br>" +  
    "Second Employee is :" + obj.employees[1].firstName + " "  
        + obj.employees[1].lastName;  
  
</script>  
  
</body>
```

Code Explanation:

- 1 A `<h2>` heading element is declared with the id `"WikiTechy_ParagraphTag"` to appear in green colored text.
- 2 The `<script>` element is initiated to enter JSON code.
- 3 The variable `"WikiTechy_employees"` is declared to contain JSON data.
- 4 The header for JSON data is declared as `"employees"`.
- 5 The first record of JSON data contains a firstname and lastname as follows:

```
{
```



```
"firstName":"venkat",  
"lastName":"jayaka"  
},
```

- 6** The second record of JSON data contains a firstname and lastname as follows:

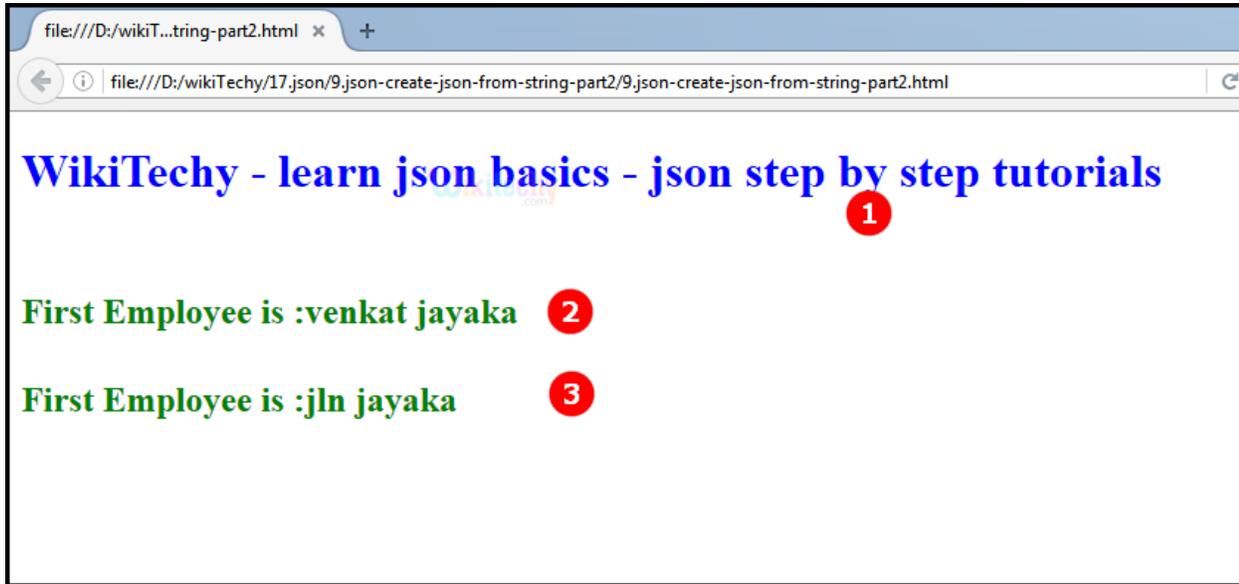
```
{  
"firstName":"jln",  
"lastName":"jayaka"  
}
```

```
<!DOCTYPE html>  
<html>  
<body>  
<h1 style="color:blue">WikiTechy - learn json basics - json step by step tutorials</h1>  
</br>  
<h2 id="WikiTechy_ParagraphTag" style="color:green"></h2>  
  
<script>  
    var WikiTechy_employees =  
        '{"employees":[' +  
            '{"firstName":"venkat","lastName":"jayaka" },' +  
            '{"firstName":"jln","lastName":"jayaka" }]}';  
    obj = eval("(" + WikiTechy_employees + ")");  
    document.getElementById("WikiTechy_ParagraphTag").innerHTML =  
        "First Employee is : " + obj.employees[0].firstName + " "  
        + obj.employees[0].lastName  
        + "<br><br>" +  
        "First Employee is : " + obj.employees[1].firstName + " "  
        + obj.employees[1].lastName;  
</script>  
</body>  
</html>
```

- 7 The code `obj = eval("(" + WikiTechy_employees + ")");` evaluates the JSON variable "WikiTechy_employees" into a javascript object.
- 8 The line of code `document.getElementById("WikiTechy_ParagraphTag")` accesses the `<h2>` element, declared previously by its id "WikiTechy_ParagraphTag".
- 9 The code `obj.employees[0].firstName` access the "firstname" attribute from the first record of the JSON object.
- 10 The code `obj.employees[0].lastName` access the "lastname" attribute from the first record of the JSON object. Both these values are assigned to the "innerHTML" attribute of the `<h2>` element id "WikiTechy_ParagraphTag".
- 11 The code `obj.employees[1].firstName` access the "firstname" attribute from the second record of the JSON object.
- 12 The code `obj.employees[1].lastName` access the "lastname" attribute from the second record of the JSON object. Both these values are appended to the existing data of "innerHTML" attribute of the `<h2>` element id "WikiTechy_ParagraphTag".

- 13 The JSON code is completed with script ending element as `</script>`.

Sample Output:



- 1 The output from the `<h1>` is displayed in the browser as **WikiTechy - learn json basics - json step by step tutorials**.
- 2 The first employee record is displayed as **First Employee is : venkat jayaka**
- 3 The second employee record is displayed as **Second Employee is :jln jayaka**