

JSON: JSON stands for Jave Script Object
Notation. JSON is an open standard strong for and exchanging data, when exchanging date blus boowser and a server, the date can only be text. Ison is text, we can convert any Javascript Sject into IsoN, and Send IsoN to the seoner. We can also convert any Ison received from the server into Java Snift Objects.

> JSON is lightweight and self desiribing

7 Json in originated from Javascript

JSON is easy to read and write

JET " language independent

> JSON supports date structures but as array and Espects.

- features of Json !-

) Simility 2) Openness 3) Self Describing

4) Internationalization 5) Extensibility 6) Interoperability



## JSON IS XML:-

```
{"employee": [

"name": "abc", "email": "cbc & gmail com"},

"name": "syz", "email": "syz@ gmail com"},

"name": "syz", "email": "pgr & smail com"}

"rame": "pgr", "email": "pgr & smail com"}

]}
```

(employees)

(employee)

(name) (lemail)

(employee)

(employee)

(name) \_\_\_\_\_ (lname)

Lamail \_\_\_\_\_ (lcmail)

JSON is XML: Json	privides more readelity and
easy to learn	as compared to XML.
J.SoN	XML
1) Json stands for doesn't Provide display rapatilities	XML provides the capebility
2) Json data-mented	to display data because it is a markup language.  XML in document oriented.
3.) JSON Supports array	XML doesn't array
4) JSON is les seems then	4) XML in more sequired
The second secon	XML supports many data types such as fort, number, images, cherts, graphs. XML offer a mager that
	tructure of the data with

Similarities:

— 9 Both are simple and open. But

— John supports unicode

JSON files are created with by object and array Each Object can have different date such as fext, number, boolen ex.

## Json Object

A json object contains data in the form of key/value pair. The keys are strings and the values are she Json types. Keys and values are separated by colon. Each entry (key/value) pair, separated by comma.

> "employee": { "neme": " xyz", "salery": "99991", jagener": "mele"

The curly brace represents JSON Object

The [ squere bracket reprents the soon array.

JSON array can have values and objects Jean array: -> let's see the exemple of Ison away having values. [" sunday", " Monday", "Tun", ---, "] -> Let's see the example of ISON array having Objects. {"nome": "Ram", 'enreil': "nome smil, com"}, {"rane": "Shym" "eneil: 'stren@huell.com'}

JSON Comments: - Journ doesn't support comments. It is not a standard. But we can do some add to some Comments by pulling entre attribute. for comments.

{ "employee": {
 "neme": "Bob";
 "salery": 50000;
 "Comments": "He in a rice men".
}