

# JSON ARRAY VS JSON OBJECT

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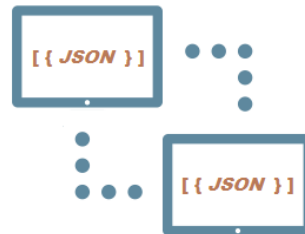
## Introduction to JSON:

JSON = JavaScript Object Notation

JSON (**JavaScript Object Notation**) is a lightweight data-interchange format which is easy for humans to read and write, easy for machines to parse and generate.

It is used primarily to transmit data between a server and web application, as an alternative to XML.

**JSON:** The Fat-Free Alternative to **XML**.



**XML:** Extensible Markup Language (**XML**) is a text format derived from Standard Generalized Markup Language (**SGML**). Compared to SGML, **XML** is simple.

## JSON ARRAY:

JSON array represents ordered list of values. It can store multiple values like string, number, boolean or object in Json array. Here, values must be separated by comma. The [ (square bracket) represents JSON array.

Example:

`["Computer", "Mouse", "Internet", "Keyboard", "CPU", "Client", "Server"]`

## JSON OBJECT:

JSON object holds key/value pair. Each key is represented as a string in JSON and value can be of any type. The keys and values are separated by colon. Each key/value pair is separated by comma. The { (curly brace) represents JSON object.

Example:

```
{
  "employee": {
    "name": "Lakshmi",
    "salary": 20000,
    "married": true }
}
```