# Json:

JSON stands for **J**ava**S**cript **O**bject **N**otation

JSON is a **text format** for storing and transporting data

'{"name": "John", "age":30, "car": null}'

Why Use JSON?

The JSON format is syntactically similar to the code for creating JavaScript objects. Because of this, a JavaScript program can easily convert JSON data into JavaScript objects.

Since the format is text only, JSON data can easily be sent between computers and used by any programming language.

JavaScript has a built-in function for converting JSON strings into JavaScript objects:

JSON.parse()

JavaScript also has a built-in function for converting an object into a JSON string:

JSON.stringify()

You can receive pure text from a server and use it as a JavaScript object.

You can send a JavaScript object to a server in pure text format.

You can work with data as JavaScript objects, with no complicated parsing and translations.

Syntax: JSON syntax is derived from JavaScript object notation syntax:

* Data is in key/value pairs: *keys* must be strings, written with double quotes:
* Data is separated by commas
* Curly braces hold objects
* Square brackets hold arrays