

# Learn JSON in 2 Minutes



#### What is JSON?



JavaScript Object Notation(JSON) is a standard text based data format used in web development to send and receive the data.



### Advantages of using JSON



- It is supported by all programming languages
- It can be used on all platforms
- It is a light weight database standard, so data transmission is fast



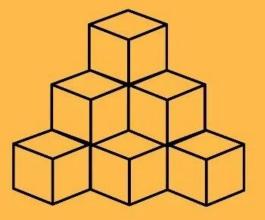
#### Where JSON is used?





## **Data Types Supported**

- String
- Number
- Arrays
- null
- Boolean
- Object





# JSON Methods in JavaScript

- 1. JSON.parse() : Takes JSON string and convert into JavaScript Object
- 2. JSON.stringify(): Convert JavaScript Object(JSON) into JSON String (Useful while sending over the network)



# Syntax and Example

```
Value
       "name" : "Robert",
       "technologies" : ["C", "CPP", "JavaScript", "PHP"],
       "salary" : 100000,
       "relationship":null,
       "address" : {
           "city" : "New York",
Key
           "block" : 25,
           "street": "7th Street",
           "pin_code" : 10003
 10
 11
                               Nested Object
     }
 12
```





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