JSON

**JavaScript Object Notation** (JSON) is a human-readable data interchange standard. It has been extended from JavaScript and is used to:

* Serialize and transmit structured data over the internet
* Transmit data between a server and web applications
* Provide public data from web services and APIs

All modern programming languages support JSON. JSON supports numbers, strings, Booleans, arrays, values, objects, whitespace and null values.

{  
 "Pascal" :  
 [  
 {  
 "Name" : "Pascal Made Simple",  
 "price" : 700  
 },  
 {  
 "Name" : "Guide to Pascal",  
 "price" : 400  
 }],  
 "Scala" :  
 [  
 {  
 "Name" : "Scala for the Impatient",  
 "price" : 1000  
 }  
 ]  
}

JSON

let jsonObj = {  
 "Pascal" : [  
 {  
 "Name" : "Pascal Made Simple",  
 "price" : 700  
 },  
 {  
 "Name" : "Guide to Pascal",  
 "price" : 400  
 }  
 ],  
 "Scala" : [  
 {  
 "Name" : "Scala for the Impatient",  
 "price" : 1000  
 }  
 ]  
}  
for (let i=0; i<jsonObj.Pascal.length; i++) {  
 console.log(jsonObj.Pascal[i])  
}  
for (let i=0; i<jsonObj.Scala.length; i++) {  
 console.log(jsonObj.Scala[i])  
}

JS