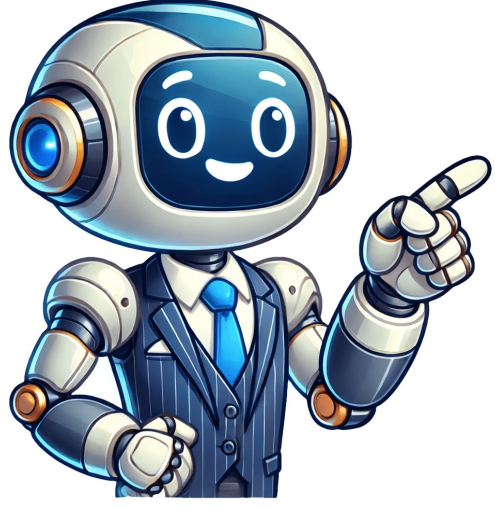


I'm human



JSON lists are an essential part of the lightweight data-interchange format, making it easy for humans to read and write and simple for machines to parse and generate. A JSON list is essentially an array structure that holds multiple JSON objects or values. It's enclosed in square brackets [] and each item can be a JSON object (enclosed in curly braces {}) or a simple value. Here's an example of parsing and using a JSON list in Python: `import json; json_data = "[{"id": 1, "name": "Sara", "age": 25}, {"id": 2, "name": "Bob", "age": 30}, {"id": 3, "name": "Charlie", "age": 35}]"` `data = json.loads(json_data)` for item in data: print(f"ID: {item['id']}, Name: {item['name']}, Age: {item['age']}") This code imports the json module to work with JSON data, defines a JSON list as a string, parses the JSON string into a Python list, and then iterates over each item in the JSON list to print its details. Additional notes on accessing specific elements and modifying JSON data are also provided. JSON supports two primary data structures: an ordered list of values (array) and a collection of name/value pairs (object). Both are used in various programming languages under different names. Objects and arrays make JSON a versatile format for data interchange, as they're widely supported by modern programming languages. An object consists of key-value pairs enclosed within curly brackets {}. It starts with an opening { and ends with a closing }, with each pair separated by commas. Strings and values are separated by colons. The syntax is demonstrated in the following example: `{ "firstName": "Bidhan", "lastName": "Chatterjee", "age": 40, "email": "[email protected]" }` Nested arrays within objects are also allowed. For instance: `{ "Students": [ { "Name": "Amit Goenka", "Major": "Physics" }, { "Name": "Smita Pallod", "Major": "Chemistry" }, { "Name": "Rajeev Sen", "Major": "Mathematics" } ] }` Arrays use square brackets [] and contain comma-separated values. The syntax for arrays is shown below: `[100, 200, 300, 400]` Arrays can also be nested within objects, as seen in the following example: `{ "firstName": "Bidhan", "lastName": "Chatterjee", "age": 40, "address": { "streetAddress": "144 J B Hazra Road", "city": "Burdwan", "state": "Paschimbanga", "postalCode": "713102" }, "phoneNumber": [ { "type": "personal", "number": "09832209761" }, { "type": "fax", "number": "91-342-2567692" } ] }` JSON also supports values that can be a string, number, object, array, boolean (true or false), or null. This structure can be nested within other structures. **Introduction to JSON Array of Strings** A JSON array of strings is an ordered list of values, where each value can be a string. This type of data structure is useful for storing multiple values and allows you to store various types of data, including strings, Booleans, numbers, and objects. **Syntax and Examples** The syntax for a JSON array of strings is ["value1", "value2", "value3", ...]. For example, ["January", "February", "March", "April", "May", "June", "July"]. In the given code snippet, an object with multiple properties is used to store a JSON array of strings. The empRights property contains an array of strings: ["Engineer", "SupportService", "Developer"]. **Examples and Usage** The following examples demonstrate how to loop through a JSON array of strings using for loops: 1. **Looping inside an array**, This example shows how to loop through the empRights array and display its values on the webpage. 2. **Looping with index retrieval**, This example demonstrates how to retrieve a specific value from the months array by its index (in this case, the 4th month of the year). **How JSON Array of String Works** A valid JSON always starts with either curly braces { } or square brackets []. The values within these brackets can be objects, arrays, Booleans, strings, digits, or NULL. JSON arrays can store multiple values and are similar to JavaScript arrays. However, in JSON, values must be separated by commas. **Examples of JSON Array of Numbers, Booleans, and Objects** The following examples demonstrate how to create JSON arrays with different types of data: * JSON array of numbers: [90, 78, 56, 34, 21] * JSON array of Booleans: [true, true, false, true, false] * JSON array of objects: { "CGemployees": [...] } * Multi-dimensional array of strings: [["abc", "bcd", "cda"], ["mno", "nop", "opq"], ["xyz", "yza", "zab"]] These examples show how to create and manipulate JSON arrays in different scenarios. JSON arrays are ordered lists of values that can include strings, numbers, Booleans, or objects. This article explores how to access array values using for loops and delete specific elements from the array. Additionally, it covers multidimensional arrays, nested arrays with examples, and demonstrates code implementation. Nested Arrays of Strings: Values inside an array can also be an array, known as Nested Arrays. For instance, consider a sample array where each car has multiple models. Example #4 Code: `var sample = { "empname": "Saideep", "empage": 40, "empcars": [ { "carname": "BMW", "carmodels": [ "Maruti", "110", "120" ] }, { "carname": "Hait", "carmodels": [ "Santro", "BMW", "Renault" ] }, { "carname": "Nissan", "carmodels": [ "Alto", "Audi" ] } ] }` for (i in sample.empcars) { x +=

" + sample.empcars[i].carname + "

"}; for (j in sample.empcars[i].carmodels) { x += sample.empcars[i].carmodels[j] + "
"; } } document.getElementById("demo").innerHTML = x; **Output: Example #5 Code:** `var string = ""; var sample = { "employeeName": "Anusha", "employerName": "CPG", "techskills": ["react", "JavaScript", "Java"] }; delete sample.techskills[0]; for (i in sample.techskills) { string += sample.techskills[i] + "
"; } document.getElementById("paraId").innerHTML = string;` **Output: Conclusion:** We have seen how JSON arrays represent an ordered list of values, including strings, numbers, Booleans, or objects. This article discusses accessing array values using for loops, deleting specific elements from the array, multidimensional arrays, and nested arrays with examples.

JavaScript json get list of values. Jsonpath get list of values. Get list of values from json object. Python json get list of values. How to get the list of values from json object in javascript. Json ordered list of values. How to pass list of string values in json. Sample json file with list of values. How to get the list of values from json object in c#. How to pass list of values in json. Json list of key values. Json get list of values. C# appsettings json list of values. Json schema list of values. Json schema string list of values.