JSON Iterations(for,for in,for of,for each):-

**FOR:-**

**var numbers = [ 10, 20, 30, 40, 50]**

**for (var i=0; i < numbers.length; i++) {**

**console.log(numbers[i])**

**}**

**FOR IN:-**

**var person = {**

**fname: "Nick",**

**lname: "Jonas",**

**age: 26**

**};**

**for (let x in person) {**

**console.log(x + ": "+ person[x])**

**}**

**FOR EACH:-**

**var names = ["jerry", "tom", "pluto", "micky", "mini"];**

**names.forEach(function1);**

**function function1(currentValue, index) {**

**console.log("Index in array is: "+index + " :: Value is: "+currentValue);**

**}**

**FOR OF:-**

**const array1 = ['a', 'b', 'c'];**

**for (const element of array1) {**

**console.log(element);**

**}**

**Resume data in Jason format:-**

Let resume =[

|  |
| --- |
| { |
|  | "basics": { |
|  | "name": "Your first and last name", |
|  | "label": "", |
|  | "picture": "", |
|  | "email": "Your email address", |
|  | "phone": "A phone number, with any formatting you like. E.g. (555) 555-5555.", |
|  | "degree": "", |
|  | "website": "Your website URL", |
|  | "summary": "A one-sentence to one-paragraph overview text. Do not include any line-breaks.", |
|  | "location": { |
|  | "address": "Your street address or mailing address", |
|  | "postalCode": "Your postal code (ZIP in the U.S.)", |
|  | "city": "Your city", |
|  | "countryCode": "Your country (e.g. USA)", |
|  | "region": "Your region (state in the U.S.)" |
|  | }, |
|  | "profiles": [ |
|  | { |
|  | "network": "A social media or other profile that you would like to include (e.g. LinkedIn, Twitter)", |
|  | "username": "Your username on this network", |
|  | "url": "A URL to your user profile page" |
|  | } |
|  | ] |
|  | }, |
|  | "work": [ |
|  | { |
|  | "company": "Your employer name", |
|  | "position": "Your job title", |
|  | "website": "The URL for the employer's website", |
|  | "startDate": "Your start date, in YYYY-MM-DD format", |
|  | "endDate": "Your end date, in YYY-MM-DD format (leave blank for a current position)", |
|  | "summary": "A one-sentence to one-paragraph summary of this employer or position", |
|  | "highlights": [ |
|  | "Bullet-point list items that you would like to include along with (or instead of) a summary paragraph." |
|  | ] |
|  | } |
|  | ], |
|  | "volunteer": [ |
|  | { |
|  | "organization": "Your volunteer organization name", |
|  | "position": "Your job title", |
|  | "website": "The URL for the employer's website", |
|  | "startDate": "Your start date, in YYYY-MM-DD format", |
|  | "endDate": "Your end date, in YYY-MM-DD format (leave blank for a current position)", |
|  | "summary": "A one-sentence to one-paragraph summary of this employer or position", |
|  | "highlights": [ |
|  | "Bullet-point list items that you would like to include along with (or instead of) a summary paragraph." |
|  | ] |
|  | } |
|  | ], |
|  | "education": [ |
|  | { |
|  | "institution": "Your school name", |
|  | "area": "Your area of study or degree earned", |
|  | "studyType": "", |
|  | "startDate": "Your start date, in YYYY-MM-DD format", |
|  | "endDate": "Your completion date, in YYYY-MM-DD format", |
|  | "gpa": "", |
|  | "courses": [ |
|  | "" |
|  | ] |
|  | } |
|  | ], |
|  | "awards": [ |
|  | { |
|  | "title": "Your award title", |
|  | "date": "Your date, in YYYY-MM-DD format you received the award", |
|  | "awarder": "Your award given by", |
|  | "summary": "A one-sentence to one-paragraph overview of this award" |
|  | } |
|  | ], |
|  | "publications": [ |
|  | { |
|  | "name": "Your publication title", |
|  | "publisher": "Publisher name", |
|  | "releaseDate": "Publication date, in YYYY-MM-DD format", |
|  | "website": "The website URL for this publisher or book", |
|  | "summary": "A one-sentence to one-paragraph overview of this publication" |
|  | } |
|  | ], |
|  | "skills": [ |
|  | { |
|  | "name": "A category of job skills (e.g. 'Programming Languages')", |
|  | "level": "", |
|  | "keywords": [ |
|  | "Keywords under this category (e.g. 'Java', 'C++', etc)" |
|  | ] |
|  | } |
|  | ], |
|  | "languages": [ |
|  | { |
|  | "language": "Language name", |
|  | "fluency": "Your language fluency" |
|  | } |
|  | ], |
|  | "interests": [ |
|  | { |
|  | "name": "A category of interests (e.g. 'Sports')", |
|  | "keywords": [ |
|  | "Keywords under this category (e.g. 'Cricket', 'Football', 'Golf')" |
|  | ] |
|  | } |
|  | ] |
|  | }  ]  **Difference between window and document in js:-**   | **Document** | **window** | | --- | --- | | It represents any HTML document or web page that is loaded in the browser. | It represents a browser window or frame that displays the contents of the webpage. | | It is loaded inside the window. | It is the very first object that is loaded in the browser. | | It is the object of window property. | It is the object of the browser. | | All the tags, elements with attributes in HTML are part of the document. | Global objects, functions, and variables of JavaScript are members of the window object. | | We can access the document from a window using the window. document | We can access the window from the window only. i.e. window.window | | The document is part of BOM (browser object model) and dom (Document object model) | The window is part of BOM, not DOM. | | Properties of document objects such as title, body, cookies, etc can also be accessed by a window like this window. document.title | Properties of the window object cannot be accessed by the document object. | | syntax:        document.propertyname; | syntax:  window.propertyname; | | example:       document.title :  will return the title of the document | example:  window.innerHeight : will return the height of the content area of the browser | |

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