1. For given JSON iterate over all for loops

for

for in   
for of

for Each

const jsonObj = {

name: "John",

age: 30,

city: "New York"

};

**// JSON Iterate over “ for ” loop**

for (let key in jsonObj) {

console.log(key + ": " + jsonObj[key]);

}

**// JSON Iterate over “for in” loop**

for (let key in jsonObj) {

console.log(key + ": " + jsonObj[key]);

}

**// JSON Iterate over “for of” loop**

const keys = Object.keys(jsonObj);

for (const key of keys) {

console.log(key, jsonObj [key]);

}

**// JSON Iterate over “forEach” loop**

const keys = Object.keys(jsonObj);

keys.forEach((key) => {

const value = jsonObj[key];

console.log(`${key} : ${value}`);

});

1. Create your own resume data in JSON format

{

"name": "Mohan Krishna",

"contact": {

"email": "sarvankrishna1998@gmail.com",

"phone": "+918220520422",

"address": "196/2, Gowtham Nagar, Villupuram"

},

"summary": "Seeking for a Java Developer position where I can learn continuously enhancing my knowledge and skills in a professional environment.",

"education": [

{

"degree": "Bachelor of Engineering",

"Specialization": "Electrical and Electronics Engineering",

"school": "Anna University",

"graduation\_year": 2020

}

],

"skills": [

"JavaScript",

"React",

"Node.js",

"HTML/CSS",

"RESTful APIs",

"SQL",

"MongoDB",

"AWS",

"Problem Solving",

],

"languages": ["English (Fluent)"]

"interests": [

"Open-source contributions",

"Hiking and outdoor activities",

"Tech meetups and conferences",

"Reading about emerging technologies"

]

}

1. Read about the difference between window, screen, and document in JavaScript

**window Object:**

1. The window object represents the global browser window or tab that contains web page.
2. It is the top-level object in the browser's JavaScript object hierarchy.
3. It provides access to various browser-related properties and methods, such as opening new windows or tabs, manipulating the browser's history, and setting timeouts/intervals for executing code.
4. It also contains the document object, which represents the web page's content.

**screen Object:**

1. The screen object provides information about the user's screen or monitor.
2. It contains properties like width, height, availWidth, and availHeight, which provide details about the screen's dimensions and available workspace.
3. The screen object is read-only and does not allow you to modify the screen's properties.

document Object:

1. The document object represents the content of the web page loaded in the current window or tab.
2. It is a crucial object for manipulating and interacting with the HTML and CSS of the page.
3. It provides access to various properties and methods for querying and manipulating the DOM (Document Object Model) elements.
4. It allows you to perform actions like adding, removing, or modifying elements on the web page dynamically.