1. **For the given JSON iterate over all for loops (for, for in, for of, for each)**

**Let's assume you have the following JSON data:**

{

"name": "John",

"age": 30,

"city": "New York",

"languages" : ["English", "Spanish", "French"],

"skills": {

"programming": ["JavaScript", "Python", "Java"],

"design": ["Photoshop", "Illustrator"]

}

}

**Using a for loop to iterate over the keys:**

const jsonData = {

"name": "John",

"age": 30,

"city": "New York",

"languages": ["English", "Spanish", "French"],

"skills": {

"programming": ["JavaScript", "Python", "Java"],

"design": ["Photoshop", "Illustrator"]

}

};

for (const key in jsonData) {

console.log(`${key}: ${jsonData[key]}`);

**Using a for...in loop to iterate over the keys:**

for (const key in jsonData) {

console.log(`${key}: ${jsonData[key]}`);

}

**Using a for...of loop to iterate over the values of an array**

const languages = jsonData.languages;

for (const language of languages) {

console.log(language);

}

**Using forEach to iterate over the values of an array**

const languages = jsonData.languages;

languages.forEach((language) => {

console.log(language);

});

1. **Create your own resume data in JSON format**

let myResume={

"basics": {

"name": "ASWINIE V",

"email": "aishuv2898@gmail.com",

"phone": 7200792492,

"degree": "MBA",

"location": {

"address": "No.36,Sakthi Nagar, Orikkai, Kanchipuram",

"postalCode": 631502,

"city": "Kanchipuram",

"state": "Tamil Nadu",

"country": "India"

},

},

"work": [

{

"Institute": "GUVI",

"position": "Student",

"summary": "Doing a Full Stack Developer Course ",

},

],

"education": [

{

"institution": "Annamalai University",

"department": "Human Resource Management",

"studyType": "parttime",

"batch start year": 2019,

"batch end year": 2021,

"gpa": 8.5,

}

],

"skills": [

{

"name": "Typewriting in both Tamil and English",

"level": "Advanced",

}

],

"languages": [

{

"language": "Tamil, English",

}

],

"interests": [

{

"name": "Reading, Music, Travelling,",

}

]

}

console.log(myResume);