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

Assuming you have the following JSON object:

{

"name": "John",

"age": 30,

"city": "New York"

}

You can iterate over it using a ‘for’ loop as follows:

‘for’ Loop:

const jsonObject = {

"name": "John",

"age": 30,

"city": "New York"

};

// Get an array of keys from the JSON object

const keys = Object.keys(jsonObject);

for (let i = 0; i < keys.length; i++) {

const key = keys[i];

const value = jsonObject[key];

console.log(key, value);

}

‘for…in’ Loop:

const jsonObject = {

"name": "John",

"age": 30,

"city": "New York"

};

for (const key in jsonObject) {

if (jsonObject.hasOwnProperty(key)) {

const value = jsonObject[key];

console.log(key, value);

}

}

‘for…of’ Loop:

const jsonObject = {

"name": "John",

"age": 30,

"city": "New York"

};

// Convert the JSON object to an array of key-value pairs

const entries = Object.entries(jsonObject);

for (const [key, value] of entries) {

console.log(key, value);}

‘forEach’ Loop

const jsonObject = {

"name": "John",

"age": 30,

"city": "New York"

};

// Convert the JSON object to an array of key-value pairs

const entries = Object.entries(jsonObject);

entries.forEach(([key, value]) => {

console.log(key, value);

});

1. Create your own resume data in JSON format

//solution

var resume={

name:”Devika.s”,

Email:”devikaseelam25@gmail.com”,

contactNo:7386701290,

address:”Pidathapolur,muthukur,nellore(dist.)”,

education:”Audisankara(Computer Science Engineering)”,

technicalSkills:[“MS Office”],

project:”Person Identification using Ear Biometric’,

activities:”Participated in the Science and Technology FEST as a Team Lead & many college FESTs”,

interests:[“desinging”,”software”],

personalStrength:[“active listener”,“time management”,”responsibility”],

personal\_details:{

DOB:”18/12/2001”,

maritalStatus:”single”

nationality:”indian”,

knownLanguages:[“english”,”telugu”],

hobbies:[“Good with books”,”Listening music”,”Dancing”],

}

};

console.log(resume);