**1.FOR THE GIVEN JSON ITERATE OVER ALL FOR LOOPS (FOR, FOR IN, FOR OF, FOREACH)**

**1.1 Using an array**

The following piece of code is a perfect example of how to use a **for loop** through an array.

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

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

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

**}**

**1.2 Looping through an Object Property**

Here’s an example; you’ve got an object containing some properties and you need to look up each property and the value that it carries. Here’s how you would use the **For In Loop** to do so:

**var person = {**

**fname: "Nick",**

**lname: "Jonas",**

**age: 26**

**};**

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

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

**}**

**‍1.3 The ForEach() Loop**

This method is used for looping through an array element. Here’s an example of this:

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

**names.forEach(function1);**

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

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

**}**

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

*{*

*"basics": {*

*"name": "venkatesh",*

*"label": "Engineer",*

*"picture": "",*

*"email": "venkateshvenkytyr@gmail.com",*

*"phone": "7094133808",*

*"location": {*

*"address": "nr:7 yagappa nagar, thiruvaiyaru(TK),thanjavur(DT)",*

*"postalCode": "613204",*

*"city": "thanjavur",*

*"countryCode": "TN",*

*"region": "indian"*

*}*

*},*

*"education": [{*

*"institution": "Anna University",*

*"area": "Mechanical Engineer",*

*"studyType": "Bachelor",*

*"startDate": "2018-06-01",*

*"endDate": "2021-06-01",*

*"gpa": "8.26",*

*}],*

*}*