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

var data=[

    {

       "id":"01",

       "name": "Tom",

       "lastname": "Price"

    },

    {

       "id":"02",

       "name": "Nick",

       "lastname": "Thameson"

    }

 ];

**Using for loop:**

for(let i=0;i<data.length;i++)

{

    for(let j in data[i])

    {

        document.write(data[i][j]);

        document.write(" ");

    }

    document.write("<br>");

}

**Output:**

01 Tom Price  
02 Nick Thameson

**Using for in loop:**

for(let i in data)

{

    for(let j in data[i])

    {

        document.write(data[i][j]);

        document.write(" ");

    }

    document.write("<br>");

}

**Output:**

01 Tom Price  
02 Nick Thameson

**Using for of loop:**

 for (let i of data)

 {

    for(let j in i)

    {

        document.write(i[j]);

        document.write(" ");

    }

    document.write("<br>");

}

**Output:**

01 Tom Price  
02 Nick Thameson

**Using for each loop:**

data.forEach(myFunc);

function myFunc(i)

{

    for(let j in i)

    {

        document.write(i[j]+" ");

    }

    document.write("<br>");

}

**Output:**

01 Tom Price  
02 Nick Thameson

1. Create your own resume data in JSON format

{

    "resume":

    {

        "basic information":

        {

            "name":"jagadesh pj",

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

            "phone":"6380292170",

            "dob":"14-11-1999",

            "gender":"male",

            "linkedin":"https://www.linkedin.com/in/jagadesh-pj-0a9606171/"

            "address":{

                "doorNumber":"52L",

                "streetName":"velmurugan nagar",

                "area":"saravanampatty",

                "district":"coimbatore",

                "state":"tamil nadu",

                "pincode":"641035"

            }

        },

        "education":[

            {

                "program":"Bachelor of Engineering"

                "specialization":"Electronics and communication"

                "startDate":"06-08-2017",

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

                "institution":{

                    "name":"karpagam college of engineering",

                    "city":"coimbatore",

                    "state":"tamilnadu"

                },

                "studytype":"fulltime",

                "score":"94.6%"

            },

            {

                "program":"hsc",

                "specialization":"BM"

                "startDate":"01-06-2016",

                "endDate":"01-05-2017",

                "institution":{

                    "name":"sree dharmasastha mhss",

                    "city":"coimbatore",

                    "state":"tamilnadu"

                },

                "studytype":"fulltime",

                "score":"91.2%"

            },

            {

                "program":"sslc",

                "specialization":"R"

                "startDate":"01-06-2014",

                "endDate":"01-05-2015",

                "institution":{

                    "name":"sree dharmasastha mhss",

                    "city":"coimbatore",

                    "state":"tamilnadu"

                },

                "studytype":"fulltime",

                "score":"97.6%"

            }

        ],

        "projects":[

            {

                "title":"lifi music system"

                "description":"music player using light pulses"

            },

            {

                "title":"vedic alu"

                "description":"alu design using vedic mathematics"

            }

        ]

        "technicalSkills":["cProgramming","javaProgramming","pythonProgramming","dataAnalytics","aws","verilog"],

        "softwareExpertise":["eclipse","cadence","scilab","vscode","postman"],

        "hobbies":["gardening","volleyball","cricket","movies"]

    }

}