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

const data = {

name: 'Prasanth',

age: 30,

city: 'Coimbatore',

};

// for loop

for (let key in data) {

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

}

// for in loop

for (let key in data) {

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

}

// for of loop

for (let value of Object.values(data)) {

console.log(value);

}

// forEach loop

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

console.log(key, value);

});

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

const resume = {

name: "Prasanth",

title: "Full Stack Developer",

contact: {

email: "pskumar96@gmail.com",

phone: "9047864703",

location: "Coimbatore, INDIA"

},

education: [

{

degree: "Bachelor of Business Administration",

university: "Bharathiar University",

graduationYear: 2016

}

],

skills: ["JavaScript", "HTML", "CSS" ],

experience: [

{

position: "Hostel Manager",

company: "Amrita University",

startDate: "January 2023",

endDate: "Present",

responsibilities: ["Hostel Maintenance", "Administrative duties", "Students welfare"]

},

{

position: "Associate",

company: "Glaxosmithkline",

startDate: "Feb 2018",

endDate: "December 2022",

responsibilities: ["Primary and Secondary sales", "Sales target", "Distributor management"]

}

],

projects: [

{

name: "E-commerce Website",

description: "Developed an e-commerce website using React and Node.js",

technologiesUsed: ["React", "Node.js", "MongoDB"]

},

{

name: "Blog Website",

description: "Created a blog website using HTML, CSS, and JavaScript",

technologiesUsed: ["HTML", "CSS", "JavaScript"]

}

],

certifications: ["Certified Full Stack Developer", "AWS Certified Developer"],

languages: ["English"]

};

console.log(resume);