**JAVASCRIPT DAY -3**

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

**For loop:**

var arr = [ 10, 20, 30, 40]

for (var i=0; i < arr.length; i++)

{

console.log(arr[i])

}

OUTPUT:

10

20

30

40

**For in:**

var stud= [{

id: "101",

name: "Josh",

age: 23

}];

for (var i in stud)

{

console.log(stud[i].id,stud[i].name,stud[i].age);

}

OUTPUT:

101 Josh 23

**For each:**

var arr = [{

"id" : "111",

"name": "sam",

},

{

"id" : "112",

"name": "tara",

}];

arr.forEach((item) => {

console.log('ID: ' + item.id);

console.log('NAME: ' + item.name);

});

OUTPUT:

ID: 111

NAME: sam

ID: 112

NAME: tara

**For of:**

const arr = [10, 11, 12];

for (let value of arr) {

value += 1;

console.log(value);

}

OUTPUT:

11

12

13

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

var arr = [{

"name": "amutha",

"email": "amutha11@gmail.com",

"mobile": "9876543212",

"degree" : "MCA",

"college": "aaaabbbbccc",

"percentage":"86%",

"skills":"MySql, Networking",

"project":"Smart home enivironment based on IoT",

"achivements" : "MRD Parade in NCC, All India Tecking in NCC",

"hobbies":"Glass Painting, Listening music",

"address":"no:13/4 raja street, chennai"

}];

arr.forEach((item) => {

console.log('NAME: ' + item.name);

console.log('EMAIL: ' + item.email);

console.log('MOBILE: ' + item.mobile);

console.log('DEGREE: ' + item.degree);

console.log('COLLEGE: ' + item.college);

console.log('PERCENTAGE: ' + item.percentage);

console.log('SKILLS: ' + item.skills);

console.log('PROJECT: ' + item.project);

console.log('ACHIVEMENTS: ' + item.achivements);

console.log('HOBBIES: ' + item.hobbies);

console.log('ADDRESS: ' + item.address);

});

**OUTPUT:**

NAME: amutha

EMAIL: amutha11@gmail.com

MOBILE: 9876543212

DEGREE: MCA

COLLEGE: aaaabbbbccc

PERCENTAGE: 86%

SKILLS: MySql, Networking

PROJECT: Smart home enivironment based on IoT

ACHIVEMENTS: MRD Parade in NCC, All India Trecking in NCC

HOBBIES: Glass Painting, Listening music

ADDRESS: no:13/4 raja street, chennai