Day 3

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

//data

Let data = [{

"id": "96",

"name": "Dayne Sanford",

"email": "Tyrique\_Waters16@hotmail.com"

},

{

"id": "97",

"name": "Jeramy Steuber",

"email": "Catalina.Stehr24@yahoo.com"

},

{

"id": "98",

"name": "Madge Bogisich",

"email": "Joey.Marquardt50@gmail.com"

},

{

"id": "99",

"name": "Casimer MacGyver",

"email": "Julius.Bednar96@yahoo.com"

},

{

"id": "100",

"name": "Arlene Kassulke",

"email": "Josiane\_Smith@yahoo.com"

}

]

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

console.log(i, data[i])}

// displays the key(i) for e.g 0,1 2… and values(data[i]) e.g

{ "id": "96",

"name": "Dayne Sanford",

"email": "Tyrique\_Waters16@hotmail.com"

} … etc line by line.

for(let i in data){

console.log(i, data[i])}

// displays the same as for loop(only difference being this loop is always in the forward direction)

for(let i of data){

console.log(i)}

// here the variable i itself takes the “values” of the “data” object.

arr.forEach( x => {

console.log(x)})

//same output as that of for-of loop but here the “forEach” acts as a function itself which calls another function inside of it to do the iteration through the object it is called via.

1. Create your own resume data in JSON format

let resume = {

name: "Goutam",

age: 24,

course: {

name: "Engineering",

year: 4,

rank: 1,

},

college: {

name: "CET",

location: "Bhubaneswar",

estd: 1990,

},

address: {

city: "Cuttack",

state: "Odisha",

country: "India",

},

};

1. Read about the difference between window, screen and document in javascript.

**Window**: The window object is supported by all browsers. It represents the **browser's window**. All global JavaScript objects, functions, and variables automatically become members of the window object. Global variables are properties of the window object. Global functions are methods of the window object.

**Document**: contains the DOM and document contains the DOM, initialized by parsing HTML. screen describes the physical display's full screen

**Screen**: holds the info on the current/visitor’s browser screen.The JavaScript screen object **holds information of browser screen**. It can be used to display screen width, height, colorDepth, pixelDepth etc. The navigator object is the window property, so it can be accessed by: window. screen.