**April'22 Web Fundamentals Weekly Test 12th June Sunday**

Question 1 : Write a function to check if geekster exists in your array var list = ['geek', 'geekster', 'geeky'];If it exists  add some code to find the index of geekster and remove that item.

**Answer :** var list = ['geek', 'geekster', 'geeky'];

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

    if(list[i]=='geekster')

    {

        var eureka= i;

        for( let p=i;p<list.length-1;p++){

            list[p]=list[p+1];

        }

    }

}

list.pop();

console.log(list);

Question 2 : In how many ways can we loop in an array describe each with an example ?

**Answer :**

for :The for  loop iterates over each item in the array. The for loops through a block of code a number of times:

E.g. let arr = [10, 20, 30, 40, 50];

For(let i = 0; I < arr.length; i++) {

Console.log(arr[i]);

}

for…in : For-in loop in JavaScript is used to iterate over properties of an object. The for-in loop iterates only over those keys of an object which have their enumerable property set to “true”.

E.g. let person = {

fname: "Shruti",

lname: "Mokashi",

age: 25

};

for (let i in person) {

console.log(person[i] + " ");

}

for…of : The for..of loop in JavaScript allows you to**iterate over iterable objects.**

Question 3 : What is the length of these arrays

**Answer :** var arr1 = [,,,];

console.log(arr1.length);

var arr2 = new Array(3);

console.log(arr2.length);

var arr3 = [1,2,3,4,5];

console.log(arr3.length);

var array = [ [1,2,3], [4,5,6] ];

console.log(array.length);

**//Answer :**

// arr1

// length = 3

// arr2

// length = 3

// arr3

// length = 5

// array

// length = 2

Question : 4 :  Find the index position of b in this array var arr= ['a','b','c','d'];

**Answer** : var arr = ['a', 'b', 'c', 'd'];

function findIndexOfb(arr) {

var a = arr.indexOf('b'); {

console.log('Index of b is', a);

}

}

findIndexOfb(arr);

Question 6 : Find the nth largest element in a sorted array

**Answer :**

let arr = [11, 55, 30, 12, 0, 87, 23, 100, 39, 96, 41];

let largest = arr[0];

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

if (largest < arr[i] ) {

largest = arr[i];

}

}

console.log(largest);