ASSIGNMENT

1. Program to search for a particular character in string

str = "javascript tutorial teach by lets upgrade";

char = "i";

hi = str.indexOf(char);

console.log("index of i is ", hi);

Output:

A screen shot of a computer

Description automatically generated

1. Program to convert minutes to seconds

function min2sec(n) {

sec = n \* 60;

console.log(`${n} Minutes = ${sec} Second`);

}

min2sec(20);

Output:

A screenshot of a computer screen

Description automatically generated

1. Program to search for a element in array of string

isfound = false

const findstr = (arr, ele) => {

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

if (arr[i] == ele) {

isfound = true;

return i;

}

}

}

arr = ["apple", "mango", "orange", "grapes", "lemon", "jackfruit", "apple"];

ele = "orange"

ret = findstr(arr, ele);

if (isfound) {

console.log(`Element ${ele} found at : ${ret}`);

} else {

console.log(`Element ${ele} not found`);

}

Output:

A screenshot of a computer screen

Description automatically generated

1. Program to display only element containing “a” in them from a array

arr = ["lets","Upgrade","javascript","pro","learning","webtech","apple"];

arr.forEach(element => {

    if(element.indexOf("a") >=0){

        console.log(`Element containing Char A is ${element}`);

    }

});

Output:

A screenshot of a computer

Description automatically generated

1. Print an array in reverse order

arr = ["lets","Upgrade","javascript","programing","learning","webtech"];

console.log(arr);

for(let i=arr.length-1; i>=0; i--){

    console.log("Element is: ",arr[i]);

}

Output:

A screenshot of a computer screen

Description automatically generated