1.

1. change the element that is currently “Mari” to “Munnabai”.

let friends =[“Mari”,“MaryJane”,“CaptianAmerica”,“Munnabai”,“Jeff”,“AAK chandran”];

function dataHandling(friends)

{

friends.forEach(e=>{

if(e==="Mari")

{

friends.splice(e,1,"Munnabai")

}

})

console.log(friends)

}

dataHandling(friends);

2. Loop and Print the names till you meet CaptianAmerica.

let friends =["Mari","MaryJane",'CaptianAmerica',"Munnabai","Jeff","AAK chandran"];

function dataHandling(friends)

{

for (var i = 0; i <= friends.indexOf('CaptianAmerica'); i++)

{

console.log(friends[i])

}

}

dataHandling(friends);

3. Find the person is ur friend or not.

let friends =["Mari","MaryJane",'CaptianAmerica',"Munnabai","Jeff","AAK chandran"];

function dataHandling(friends,name)

{

if(friends.filter((e)=>e===name))

{

return "friend";

}

}

let found = dataHandling(friends,"Jeff");

console.log(found);

4. Add your name to the end of the friends array, and add another name to the beginning.

let friends =["Mari","MaryJane",'CaptianAmerica',"Munnabai","Jeff","AAK chandran"];

friends[0]="Roshan"

friends[friends.length-1]="Manikanta"

console.log(friends)

5. Find the name with max characters and return the name.

let friends =["Mari","MaryJane",'CaptianAmerica',"Munnabai","Jeff","AAK chandran"];

let res=friends.map((e)=>(e.split("").length))

let highest=res.indexOf(Math.max(...res))

console.log(friends[highest])

2.

1. What's the msg printed and why?

var lemein = "0";

var lemeout = 0;

var msg = "";

if (lemein) {

msg += "hi";

}

if (lemeout) {

msg += 'Hello';

}

console.log(msg);

Output: hi

Because if(0)=false, thereby the statement is not executed.

2. Fix the code to disarm the bomb.

let countdown = 100;

while (countdown > 0) {

countdown--;

if(countdown == 100)

{

console.log("bomb triggered");

}

}

3. Change the code to print all the gifts

let gifts = ["teddy bear", "drone", "doll"];

for (let i = 0; i < 3; i++) {

console.log(`Wrapped ${gifts[i]} and added a bow!`);

}

4. Change the code to print even numbers

for (let num = 2; num <= 20; num += 2) {

console.log(num)

}

5. Change the code to print 1 to 10 in 4 lines

for(var i=1;i<=10;i++)

{

console.log(i)

}

3.

1. Write a code to print the numbers in the array

var numsArr = [ 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11];

var new\_string = "";

for (var i = 0; i <11; i++) {

new\_string += numsArr[i]

}

console.log(new\_string);

Output:1234567891011

2. Write a code to print the numbers in the array

var numsArr = [ 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11];

var new\_string = [];

for (var i = 0; i <11; i++) {

new\_string.push(numsArr[i])

}

console.log(new\_string.join(","));

Output:1,2,3,4,5,6,7,8,9,10,11

3. Write a code to print from last to first with spaces (Make sure there is no space after the last element 1)

var numsArr = [ 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11];

var new\_string =[];

for (var i =10; i >=0; i--) {

new\_string.push(numsArr[i])

}

console.log(new\_string.join(" "));

output:11 10 9 8 7 6 5 4 3 2 1

4. Write a code to replace the array value — If the number is even, replace it with ‘even’.

var numsArr = [ 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11];

for (var i = 0; i <=10; i++)

{

if(numsArr[i] %2 === 0 )

{

numsArr[i] = "even"

}

}

console.log(numsArr);

output:[ 1, 'even', 3, 'even', 5, 'even', 7, 'even', 9, 'even', 11 ]

5. Write a code to replace the array value — If the index is even, replace it with ‘even’.

var numsArr = [ 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11];

for (var i = 0; i <=10; i++)

{

if(i %2 === 0 )

{

numsArr[i] = "even"

}

}

console.log(numsArr);

output:[ 'even', 2, 'even', 4, 'even', 6, 'even', 8, 'even', 10, 'even' ]

4.

1. Fix the code to get the largest of three.

aa = (f,s,t) => {

if(f>s &&f>t){

console.log(f)}

else if(s>f && s>t){

console.log(s)}

else{

console.log(t)}

}

aa(1,2,3);

Output: 3

2. Fix the code to the Sum of the digits present in the number

let n = 123;

console.log(add(n));

function add(n)

{

let arr=String(n).split("").map(Number)

let sum = 0;

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

sum+=arr[i]

}

return sum;

}

Output:6

3. Fix the code to Sthe um of all numbers using the IIFE function

const arr = [9,8,5,6,4,3,2,1];

(function n(arr){

let sum = 0;

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

sum += arr[i];

}

console.log(sum);

return sum;

})(arr);

Output:38

4. Fix the code to gen Title caps.

var arr = ["guvi", "geek", "zen", "fullstack"];

var ano = function(arro)

{

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

{

if(arro[i]==="zen")

{

arro[i]=(arro[i][0].toUpperCase() + arro[i].substr(1));

}

}

console.log(arro)

}

ano(arr);

output:[ 'guvi', 'geek', 'Zen', 'fullstack' ]

5. Fix the code to return the Prime numbers

const newArray=[1,3,2,5,10];

const myPrime=newArray.filter((num)=>

{

for(let i=2;i<=num;i++)

{

if(num>2 && num%i===0)

{

return false;

}

return true;

}

return false;

});

console.log(myPrime);

output:[ 3, 2, 5 ]