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

Code:

aa = (f,s,t) => {  
 let f,s,t;  
 console.log(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);

Answer: **the function expression should be kept in a variable. And the variable aa should be consoled to get the largest of three.**

1. **Fix the code to Sum of the digits present in the number**

**Code:**

let n = 123;console.log(add(n));function add(n)  
{  
let sum = 10;  
for(var i=0;i<n.length;i++){  
 sum+=n[i]  
 }  
 return sum;  
}

**Answer:**

let n = 123;

add(n);

function add(n)  
{  
let sum = 0;  
for(var i=0;i<n.length;i++){  
 sum+=n[i]  
 }  
 return sum;  
}

1. Fix the code to Sum of all numbers using IIFE function

Code:

const arr = [9,8,5,6,4,3,2,1];(function() {  
 let sum = 0;  
 for (var i = 0; i <= arr.length; i++);{  
 sum += arr[i];  
 }  
 console.log(sum);  
 return sum;  
})();

**Answer:**

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

(function() {  
 let sum = 0;  
 for (var i = 1; i <= arr.length; i++);{  
 sum += arr[i];  
 }  
 console.log(sum);  
})(arr);

1. Fix the code to gen Title caps.

Code:

var arr = [“guvi”, “geek”, “zen”, “fullstack”];

var ano = function(arro) {  
 for (var i = 0; i <= arro.length; i++) {  
 console.log(arro[i][0].toUpperCase() + arro[i].substr(1));  
 }  
}  
ano();

**Answer:**

var arr = [“guvi”, “geek”, “zen”, “fullstack”];

var ano = function(arro) {  
 for (var i = 0; i < arro.length; i++) {  
 console.log(arro[i][0].toUpperCase() + arro[i].substr(1));  
 }  
}  
ano(arr);

1. Fix the code to return Prime numbers

Code:

const newArray=[1,3,2,5,10];  
const myPrime=newArray.filter(num=>{  
for(let i=2;i<=num;i++){  
if(num%i===0)  
{  
return true;  
}  
}  
return num===1;  
});  
console.log(myPrime);

**Answer:**

const newArray=[1,3,2,5,10];  
const myPrime=newArray.filter(num=>{  
for(let i=2;i< num;i++){  
if(num%i===0)  
{  
return “Prime numbers”;  
}

else if(num===1)  
{  
return “Composite”;  
});  
console.log(myPrime);

1. Fix the code to sum the number in that array

Code:

const num = [10, 20, 30, 40,50,60,70,80,90,100]   
const sum = (a, b) =>  
a + b  
const sum = num.reduce(sum)  
console.log(sum);

**Answer:**

const num = [10, 20, 30, 40,50,60,70,80,90,100]   
const sum = num.reduce( (a, b) =>  
a + b );  
console.log(sum);

1. Fix the code to rotate an array by k times and return rotated array using IIFE function

Code:

var arr = [1, 2, 3, 6, 8, 6, 1, 9, 10, 12, 13];  
var k = 3;  
k = arr.length % k;  
(function() {  
arr = {};  
out = arr.slice(k + 1, arr.length);  
var count = out.length;  
for (var i = 0; i < k + 1; i++) {  
out[count] = arr[i];  
count += 1;  
}  
console.log(out);})();

**Answer:**

var arr = [1, 2, 3, 6, 8, 6, 1, 9, 10, 12, 13];  
var k = 3;  
let m = arr.length % k;  
(function() {  
let arr = {};  
let out = arr.slice(m + 1, arr.length);  
var count = out.length;  
for (var i = 0; i < m + 1; i++) {  
out[count] = arr[i];  
count += 1;  
}  
console.log(out);})(arr);

1. Fix the code to gen title Caps

Code:

var arr = [“guvi”, “geek”, “zen”, “fullstack”];

(function() {  
 for (var i = 0; i <= arr.length; i++) {  
 console.log(arr[0][i].toUpperCase() + arr[i].substr(1));  
 }  
})();

**Answer:**

var arr = [“guvi”, “geek”, “zen”, “fullstack”];

(function() {  
 for (var i = 0; i < arr.length; i++) {  
 console.log(arr[0][i].toUpperCase() + arr[i].substr(1));  
 }  
})(arr);

1. Print all odd numbers in an array using IIFE function

Code:

var arr = [1, 2, 3, 5, 7, 79, 7, 2, 6, 9, 4];(function() {  
 for (var i = 0; i < arr.length; i++) {  
 if (arr[i] % 2 === 0) {  
 console.log(arr[i]);  
 }}  
})();

**Answer:**

var arr = [1, 2, 3, 5, 7, 79, 7, 2, 6, 9, 4];(function() {  
 for (var i = 0; i < arr.length; i++) {  
 if (arr[i] % 2 === 1) {  
 console.log(arr[i]);  
 }}  
})(arr);

10.Fix the code to reverse

(function(str){  
str1 = str.split(“ “).reverse().join(“”);  
console.log(str1);   
})(“abcd”)

**Answer:**

(function(str){  
str1 = str.split(““).reverse().join(“”);  
console.log(str1);   
})(“abcd”)

11.Fix the code to remove duplicates.

Code:

var res = function(arr){  
 for(var i=0; i < arr.length; i++){  
 newArr = [];  
 if(newArr.indexOf(arr[i]) == -1) {  
 newArr.push(arr[i]);  
 } }  
 console.log(newArr)  
}res([“guvi”,”geek”,”guvi”,”duplicate”,”geeK”])

**Answer:**

var res = function(arr){  
 for(var i=0; i < arr.length; i++){  
 newArr = [];  
 if(newArr.indexOf(arr[i]) == -1) {  
 newArr.push(arr[i]);  
 } }  
 console.log(newArr)  
}

res(“guvi”,”geek”,”guvi”,”duplicate”,”geeK”)

12.Fix the code to give the below output

Code:

var array =[{firstname:”vasanth”,

lastname:”Raje”, age:24,

role: ”JSWizard”},

{firstname:”Sri”,

lastname:”Devi”,

age: 28,

role: “Coder”}];  
var final=[]  
while(array.length!=0)  
{  
 var outer\_remove = array.shift();  
   
 while(outer\_remove.length!=0)  
 {  
 var inner\_remove = outer\_remove.shift()  
 var key = inner\_remove[0]  
 var value =inner\_remove[1]  
 new\_object[key]=value  
 }  
 final.push(new\_object)}

13. Fix the code to give the below output:

Code:

var as=[12,34,5,6,2,56,6,2,1];  
var s=as.reduce(function(a,c){  
if(c%2!=0)  
{  
return a+c;  
}  
return a;});  
console.log(s);

**Answer:**

var as=[12,34,5,6,2,56,6,2,1];  
var s=as.reduce(function(a,c){  
if(c%2!==0)  
{  
return a+c;  
}  
});  
console.log(s);

14.Fix the code to give the below output

Swap the odd and even digits

Code:

aa = data=>{  
 var a=data;  
for(i=0;i<a.length-1;i++){  
 var l=’’;  
 var s=a[i+1]  
 var b=a[i]  
 l+=s  
 l+=b  
 i=i+1  
}  
if((a.length%2)!=0){  
 l+=a[a.length-1]  
}  
console.log(l);  
}aa(“1234”);

**Anwser:**

Let aa = data=>{  
 var a=data;  
for(i=0;i<a.length-1;i++){  
 var l=’’;  
 var s=a[i+1]  
 var b=a[i]  
 l+=s  
 l+=b  
 i=i+1  
}  
if((a.length%2)!=0){  
 l+=a[a.length-1]  
}  
console.log(l);  
}

Console.log(aa(“1234”));