# GUVI: Zen Class — Part 3: Find the culprits and nail them — debugging javascript

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

Output:

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);

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

Output:

n = 123;

console.log(add(n))

function add(n)

{

let sum = 0;

let k=0;

while(n>0){

k=n%10;

sum+=k

n=parseInt(n/10)

}

return sum;

}

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**Fix the code to Sum of all numbers using IIFE function**

Output:

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

(function()

{

let sum = 0;

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

{

sum += Number(arr[i]);

}

console.log(sum);

}

)(arr);

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**Fix the code to gen Title caps.**

Output:

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);

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**Fix the code to return the Prime numbers**

Output:

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

const myPrime=newArray.filter(num=>{

if(num===2)

{return true;}

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

if(num%i===0)

{return false;}

else

{return true;}

}

});

console.log(myPrime);

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**Fix the code to sum the number in that array**

Output:

const num = [10, 20, 30, 40,50,60,70,80,90,100]

const sum = (a, b) =>a + b

const sum1 = num.reduce((a,b)=>sum(a,b),0)

console.log(sum1);

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

Output:

var arr = [1, 2, 3, 6, 8, 6, 1, 9, 10, 12];

var k = 3;

(function() {

out = arr.slice(k, arr.length);

var count = out.length;

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

out[count] = arr[i];

count += 1;

}

console.log(out)}

)(arr,k);

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**Fix the code to gen Title caps.**

Output:

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

(function() {

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

console.log(arr[i][0].toUpperCase() + arr[i].substr(1))

}

})();

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**print all odd numbers in an array using IIFE function**

Output:

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]);

}}

})();

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**Fix the code to reverse.**

Output:

(function(str){

str1 = str.split("").reverse().join("");

console.log(str1)

})("abcd");

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**Fix the code to remove duplicates.**

Output:

var res = function(arr){

let newArr = [];

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

if(newArr.indexOf(arr[i]) == -1) {

newArr.push(arr[i]);

}}

console.log(newArr)

}

res(["guvi","geek","guvi","duplicate","geeK"])

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**Fix the code to give the below output:**

Expected Output:

[  
{firstName: “Vasanth”, lastName: “Raja”, age: 24, role: “JSWizard”},  
{firstName: “Sri”, lastName: “Devi”, age: 28, role: “Coder”}  
]

Output:

var array =[[["firstname","vasanth"],["lastname","Raje"],["age",24],["role","JSWizard"]],[["firstname","Sri"],["lastname","Devi"],["age",28],["role", "Coder"]]];

var final=[];

var new\_object={};

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)

}

console.log(final)

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**Fix the code to give the below output:**

Sum of odd numbers in an array

Output:

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;},0);

console.log(s);

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**Fix the code to give the below output:**

Swap the odd and even digits

Output:

const aa =(a)=>{

var l='';

for(i=0;i<a.length-1;i++){

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("12345");