# **Part 3: Find the culprits and nail them — debugging javascript**

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

## Code:

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);

2.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 =0;

n=n.toString().split("");

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

sum+=+n[i]

}

return sum;

}

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

Code:

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

(function(arr) {

let sum = 0;

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

sum += arr[i];

}

console.log(sum);

})(arr);

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

}

}

ano(arr);

5.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”}

]

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();

var new\_object={};

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);

5.Fix the code to give the below output:

Swap the odd and even digits

Code:

var aa = (data)=>{

var a=data;

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("1234");