**Question 2:- (**<https://medium.com/@reach2arunprakash/guvi-zen-class-find-the-culprits-and-nail-them-9ee6c67c44fb>)

* **Randomly pasting outputs for 5 questions here.**

**Find the culprit**

<!DOCTYPE html>

<html>

<body>

<script>

alert( “I’m JavaScript!’); ----------🡪 alert( "I'm JavaScript!");

</script>

Whats the error in this ?

</body>

</html>

**Find the culprit and invoke the alert**

**fix.html**

<!DOCTYPE html>

<html>

<body>

<script src=”script.js”></script> -------🡪 <script src=”scripts.js”></script>

</body>

</html>

**scripts.js**

alert(“I’m invoked!”);

**Fix the below to alert sum of two numbers**

**fix.html**

<!DOCTYPE html>

<html>

<body>

<script src=”script.js”></script>

</body>

</html>

**script.js**

let a = prompt("First number?"); let a = parseInt(prompt("First number?"));

let b = prompt("Second number?"); let b = parseInt(prompt("Second number?"));

alert(a + b);

**Explain Why the Code is blasted and how to diffuse it and get “Diffused”.**

**script.js**

var a = "2" > "12"; 🡪 var a = 2 > 12;

//Don't touch below this

if (a) {

console.log("Code is Blasted") }

else

{

console.log("Diffused") }

**How to get the success in console.**

let a = prompt("Enter a number?"); 🡪 let a = parseInt(prompt("Enter a number?"));

//Don't modify any code below this

if (a) {

console.log( 'OMG it works for any number inc 0' );

}

else

{

console.log( "Success" );

}

**How to get the correct score in console.**

let value = prompt('How many runs you scored in this ball');

if (value === 4) { 🡪 if (value == 4) {

console.log("You hit a Four");

} else if (value === 6) { 🡪 else if (value == 6) {

console.log("You hit a Six");

} else {

console.log("I couldn't figure out");

}

**Change the code to print even numbers:-**

//You are allowed to modify only one character

for (let num = 2; num <= 20; num += 1) {. 🡪 for (let num = 2; num <= 20; num += 2) {

console.log(num)

}

**Question 3:-** (<https://medium.com/@reach2arunprakash/www-guvi-io-zen-4fa483a7d359>)

**Write a code to print the numbers in the array**

**Output: 1234567891011**

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

var new\_string = “”;

for (var i = 1; i < 11; i--) {. --🡪 for (var i = 0; i < 11; i++) {

new\_string += numsArr[i]

}

console.log(new\_string);

**Write a code to print the numbers in the array**

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

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

var new\_string = “”;

for (var i = 1; i < 11; i++) { --🡪 for (var i = 0; i < 11; i++) {

new\_string += numsArr[i] + ,

}

console.log(new\_string); console.log(new\_string.slice(0, -1));

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

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

var new\_string = “”;

for (var i = 11; i > 0; i — ) {

new\_string += numsArr[i] + “ “

}

console.log(new\_string);

Solution:-

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

var new\_string = "";

for (var i = 11; i >= 0; i--) {

new\_string += numsArr[i] + " "

}

console.log(new\_string.slice(0,-1));

**Write a code to add the even numbers only**

**Output: 30**

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

var sum=0;

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

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

sum += numsArr[i] sum += numsArr[i] }

}

console.log(sum);

**Write a code to add the even numbers and subract the odd numbers**

**Output: 94**

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

var sum=100;

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

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

{

sum += numsArr[i]

}

else

{

sum -= numsArr[i]

}

}

console.log(sum);

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

**Output: [ “even”, 2, “even”, 4, “even”, 6, “even”, 8, “even”, 10, … ]**

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 ). ----------🡪 if(i %2 == 0 )  
 {  
 numsArr[i] = even ----------🡪 numsArr[i] = "even"  
 }  
}  
console.log(numsArr);

**Question 4 (**<https://medium.com/@reach2arunprakash/guvi-zen-simple-debugging-tasks-adcdc2d3249d>)

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

Code:

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

let f,s,t; var 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);

‘

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

sum += arr[i];

}

console.log(sum);

return sum;

})();

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

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

}}

ano(); ano(arr);

**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) => var sum = (a, b) =>

a + b

const sum = num.reduce(sum) var sum = num.reduce(sum)

console.log(sum);

**Fix the code to reverse.**

**Code:**

(function(str){

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

console.log(str1);

})(“abcd”)

**Fix the code to remove duplicates.**

Code:

var res = function(arr){

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

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”])