**Read a static array of 50 numbers and display the following output**

**EvenOdd.html**

<!DOCTYPE html>

<html lang="en">

<head>

<body>

<meta charset="UTF-8">

<meta http-equiv="X-UA-Compatible" content="IE=edge">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>EvenOdd</title>

<h1>EVEN ODD</h1>

<P>GOT THE OUTPUT</P>

<p>Check the console<span id="show"></span></p>

<script>

function EvenOdd(arr, arr\_size) {

for (let i = 1; i < n; i++) {

if (arr[i] & 1 == 1)

console.log(arr[i] + " is odd");

else

console.log(arr[i] + " is even");

}

}

let arr = Array.from(Array(51).keys());

let n = arr.length;

// Function Call

EvenOdd(arr, n);

</script>

</body>

</head>

</html>

**The Number of words in a sentence, Number of Letters. Create a HTML textbox to**

**accept the sentence:**

**WordCount.html**

<!DOCTYPE html>

<html>

<body style="text-align: center;">

<h1 style="color: rgb(31, 2, 7)">

WORD COUNT AND NUMBER OF LETTERS

</h1>

<p>

Type in the textbox and click on the button to count the words and Find the Number of String

</p>

<textarea id="inputField" rows=5 cols="40">

</textarea>

<br><br>

<button onclick="Words\_Count()">

Count Words

</button>

<button onclick="Letters\_Count()">

Count Letters

</button>

<br><br>

<p> Words Count:

<span id="show">0</span>

</p>

<p>Number of Letters:

<span id="shownow">0</span></p>

<script>

// Letters

function Letters\_Count() {

var text = document.getElementById("inputField").value;

var numLetters = 0;

for (var i = 1; i < text.length; i++) {

numLetters += 1;

}

document.getElementById("shownow")

.innerHTML = numLetters;

}

// Words

function Words\_Count() {

var text = document

.getElementById("inputField").value;

var numWords = 0;

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

var currentCharacter = text[i];

if (currentCharacter == " ") {

numWords += 1;

}

}

numWords += 1;

document.getElementById("show")

.innerHTML = numWords;

}

</script>

</body>

</body>

</html>

</script>

</body>

</html>

**Build a Dynamic Grid using an array using JQuery. Use a Static array of “EmployeeObject”**

**EmployeeObject.html**

<!DOCTYPE html>

<html>

<head>

<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css">

<style>

\* {

box-sizing: border-box;

}

/\* Create two equal columns that floats next to each other \*/

.column {

float: left;

width: 50%;

padding: 10px;

}

/\* Clear floats after the columns \*/

.row:after {

content: "";

display: table;

clear: both;

}

/\* Style the buttons \*/

.btn {

border: none;

outline: none;

padding: 12px 16px;

background-color: #f1f1f1;

cursor: pointer;

}

.btn:hover {

background-color: #ddd;

}

.btn.active {

background-color: #666;

color: white;

}

</style>

</head>

<body>

<h2>EMPLOYEE OBJECT</h2>

<p>Click on a button to choose list view or grid view.</p>

<div id="btnContainer">

<button class="btn" onclick="listView()"><i class="fa fa-bars"></i> List</button>

<button class="btn active" onclick="gridView()"><i class="fa fa-th-large"></i> Grid</button>

</div>

<br>

<div class="row">

<div class="column" style="background-color:#aaa;">

<h2>Employee id : 567677</h2>

<p>Name :Priyanka\_Kumar</p>

<p>Email Id : priya56@gmail.com </p>

<p>Location: Chennai</p>

</div>

<div class="column" style="background-color:#bbb;">

<h2>Employee id : 567987</h2>

<p>Name :Malathi\_Kumar</p>

<p>Email Id : malathi086@gmail.com </p>

<p>Location : Coimbatore</p>

</div>

</div>

<div class="row">

<div class="column" style="background-color:#ccc;">

<h2>Employee id : 5675386</h2>

<p>Name :Menaka\_Kumar</p>

<p>Email Id : mena596@gmail.com </p>

<p>Location : Cuddalore</p>

</div>

<div class="column" style="background-color:#ddd;">

<h2>Employee id : 5979690</h2>

<p>Name :Ajay\_Kumar</p>

<p>Email Id : ajay69@gmail.com </p>

<p>Location : Trichy</p>

</div>

</div>

<script>

// Get the elements with class="column"

var elements = document.getElementsByClassName("column");

// Declare a loop variable

var i;

// List View

function listView() {

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

elements[i].style.width = "100%";

}

}

// Grid View

function gridView() {

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

elements[i].style.width = "50%";

}

}

/\* Optional: Add active class to the current button (highlight it) \*/

var container = document.getElementById("btnContainer");

var btns = container.getElementsByClassName("btn");

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

btns[i].addEventListener("click", function() {

var current = document.getElementsByClassName("active");

current[0].className = current[0].className.replace(" active", "");

this.className += " active";

});

}

</script>

</body>

</html>