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

```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
```

```javascript
        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

```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;
        }
```

```html
    </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");
```

```javascript
// 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>
```