

## Answer on Question #54759 - Programming - AJAX | JavaScript | HTML | PHP

Contents of odd\_even.js file:

```
var min = 1,
    max = 100,
    odd = [],
    even = [],
    oddCount = 0,
    evenCount = 0;

// returns is number odd or even
function isOdd(n) {
    if(n % 2 != 0) {
        return true;
    } else {
        return false;
    }
}

// returns sum of array elements
function arraySum(arr) {
    var sum = 0;
    for(var i=0;i<arr.length;i++) {
        sum += arr[i];
    }
    return sum;
}

for(var i=0;i<100;i++) {
    var number = parseInt(Math.floor(Math.random() * max) + min); // get random number

    if(isOdd(number)) {
        odd.push(number);
        oddCount++;
    } else {
        even.push(number);
        evenCount++;
    }
}

var result = 'Even Number Count: ' + evenCount.toString() + "\r\n"
    + 'Odd Number Count: ' + oddCount.toString() + "\r\n"
    + 'Sum Even: ' + arraySum(even) + "\r\n"
    + 'Sum Odd: ' + arraySum(odd) + "\r\n";

console.log(result); // show result into console
```