1-function getCount(str) {

var vowelsCount = 0;

var vowels = ["a","e","i","o","u"];

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

for(var j=0;j<vowels.length;j++){

if(str[i] === vowels[j]){

vowelsCount++;

}

}

}

return vowelsCount;

}

2-function even\_or\_odd(number) {

return number % 2 ? "Odd" : "Even"

}

3-function getMiddle(s)

{

return s.substr(Math.ceil(s.length / 2 - 1), s.length % 2 === 0 ? 2 : 1);

}

4-function opposite(number){

let oppNum = 0 - number

return oppNum;

}

5-function accum(s) {

return s.split('').map((x,index) => x.toUpperCase()+Array(index+1).join(x.toLowerCase())).join('-');

}

6-var isSquare = function(n){

return Math.sqrt(n) === Math.round(Math.sqrt(n));

}

7-function disemvowel(str) {

return str.match(/[^aeiou]/gi).join('');

}

8-function highAndLow(numbers){

numbers = numbers.split(" ");

return Math.max.apply(null, numbers) + " " + Math.min.apply(null, numbers)

}

9-

function XO(str) {

var x = 0, // numbers are better

o = 0;

for (var i = 0; i < str.length; i++) { // changed from '<=' to '<'

if (str[i].toLowerCase() === "x") {

x++;

} else if (str[i].toLowerCase() === "o") {

o++;

}

}

return x === o;

}

10-function squareDigits(num){

return Number(('' + num).split('').map(function (val) { return val \* val;}).join(''));

}

11-function findShort(s) {

const stringArray = s.trim().split(" ");

const orderedArray = stringArray.sort((a, b) => {

return a.length - b.length;

})

return orderedArray[0].length;

}

12-function DNAStrand(dna) {

var letters = {'A': 'T', 'T': 'A', 'C': 'G', 'G': 'C'};

var arr = [];

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

arr[i] = letters[dna[i]];

}

return arr.join('');

}

13-function descendingOrder(n){

return Number(n.toString().split('').sort((a,b)=> b-a).join(''));

}

14-function positiveSum(arr) {

const reducer = (accumulator, current) => accumulator + (current > 0 ? current : 0)

return arr.reduce(reducer, 0)

}

15-function isIsogram(str){

var hash = {};

str = str.toLowerCase();

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

if (hash[str[i]]) {

return false;

}

hash[str[i]] = true;

}

return true;

}

16-function filter\_list(l) {

return l.filter(x => typeof x === 'number');

}

17-class SmallestIntegerFinder {

findSmallestInt(args) {

return args.sort(function(a, b) {

return a - b;

})[0];

}

}

18-function sumTwoSmallestNumbers(numbers){

numbers = numbers.sort(function(a, b){return a - b; });

return numbers[0] + numbers[1];

}

19-function nbYear(p0, percent, aug, p) {

for(var y = 0; p0 < p; y++) p0 = p0 \* (1 + percent / 100) + aug;

return y;

}

20-function repeatStr (n, s) {

return s.repeat(n);

}