## Ques1)

# Ques2)

```
js-classroom > @ valid-mangamans > @ anchangamans

function are dangamans(s, t) {

function are dangamans(s, t) {

let arr = new Array(26).fill(0);

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

arr[s.charcodeax(i) - "a".charcodeat(0)]+;

arr[t.charcodeax(i) - "a".charcodeat(0)]-;

}

for (let i = 0; i < 26; i++) {

if (arr[i] |= 0) return false;

return true;

console.log(are dangamans("anagram", "nagaram"));

console.log(are dangamans("rat", "car"));

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

PS E:\visual studio code\js-geek\js-classroom node .\valid-anagram.js

true
false

PS E:\visual studio code\js-geek\js-classroom |

PS E:\visual studio code\js-geek\js-classroom |
```

#### Ques3)

#### Ques4)

### Ques5)

```
function rotateArray(arr, k) {
  let n = arr.length;
  arr = reverse(0, n - k - 1, arr);
  arr = reverse(0 - k, n - 1, arr);
  arr = reverse(0, n - 1, arr);
  return arr;
console.log(rotateArray([1, 2, 3, 4, 5, 6, 7], 3));
console.log(rotateArray([-1, -100, 3, 99], 2));
console.log(rotateArray([1, 2, 3, 4, 5, 6, 7, 8, 9], 3));
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
                                                                                                                                                                                                                                                                      ≥ powershell
≥ powershell...
  7, 8, 9, 1, 2,
3, 4, 5, 6
PS E:\visual studio code\js-geek\js-classroom>
```

#### Ques6)

```
room > d string-compression,s > ...
function stringCompression(s) {
  let n = s.length,
    j = 0,
    res = "";
  while (j < n) {
    let ch = s[j],
    ct = 1;
  while (j + 1 < n && ch === s[j + 1]) {
    ct++;
    j++;
  }
}</pre>
   dnsole.log(stringCompression("aabcccccaaa"));
console.log(stringCompression("aabbccc"));
console.log(stringCompression("abbb"));
```

### Ques7)

```
com > m array-sum.js > ...
function findPairWithSum(arr, targetSum) {
  let pairs = [];
  let map = {};
                   for (let i = 0; i < arr.length; i++) {
   let remaining = targetSum - arr[i];
   if (map[remaining] !== undefined) {
    pairs.push([remaining, arr[i]]);
}</pre>
console.log(findPairWithSum([1, 2, 3, 4, 5, 6, 7], 6));
for sole.log(findPairWithSum([3, 8, 12, 4, 6, 1], 9));
console.log(findPairWithSum([5, 2, 8, 10, 3], 12));
                                                                                                                                                                                                                                                                                                                                                                                                                 ≥ powershell...
```

# Ques8)

```
com > Im longest-substringjs > ② longestLength
function longestLength(str) {
  let map = {};
  let j = 0,
      res = 1;
  for (let i = 0; i < str.length; i++) {
      if (map.hasOwnProperty(str[i])) {
        if (j < map[str[i]]) {
            j = map[str[i]];
        }
    }
}</pre>
                console.log(longestLength("abcabcbb"));
console.log(longestLength("bbbbb"));
console.log(longestLength("pwwkew"));
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ≥ powershell...
```