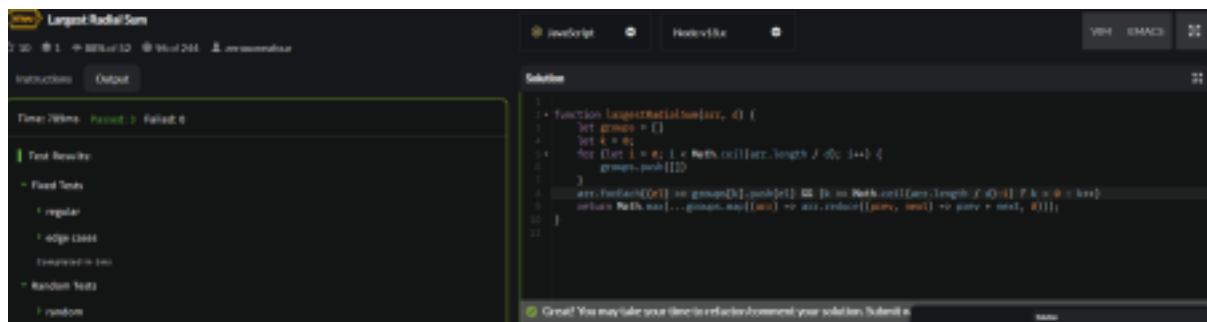


tg: @rabibabi  
task 1

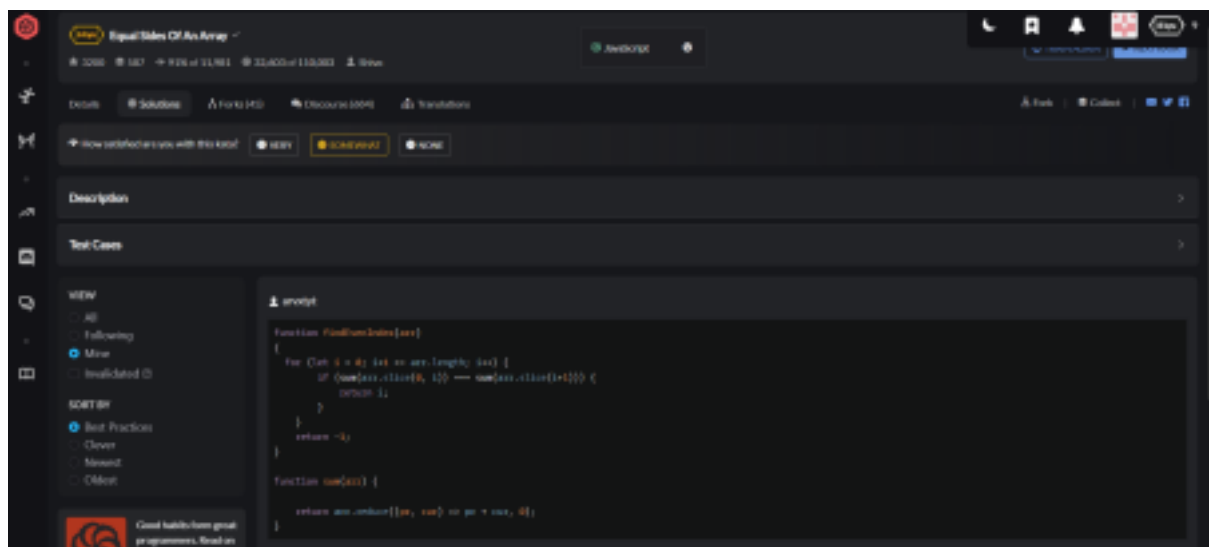


The screenshot shows a LeetCode problem titled "Largest Rectangular Sum" with a JavaScript solution. The solution uses a nested loop to iterate over all possible subarrays and calculates their sums. The code is as follows:

```
function largestRectSum(arr, k) {
  let groups = []
  let k = k
  for (let i = 0; i < Math.ceil(arr.length / k); i++) {
    groups.push(0)
  }
  arr.forEach((x) => groups[k].push(x)) // k is Math.ceil(arr.length / k) - 1, if k = 0 = arr
  return Math.max(...groups.map((acc) => acc.reduce((prev, next) => prev + next, 0)))
}
```

The interface also shows test results on the left, indicating that the solution passed all test cases.

task 2



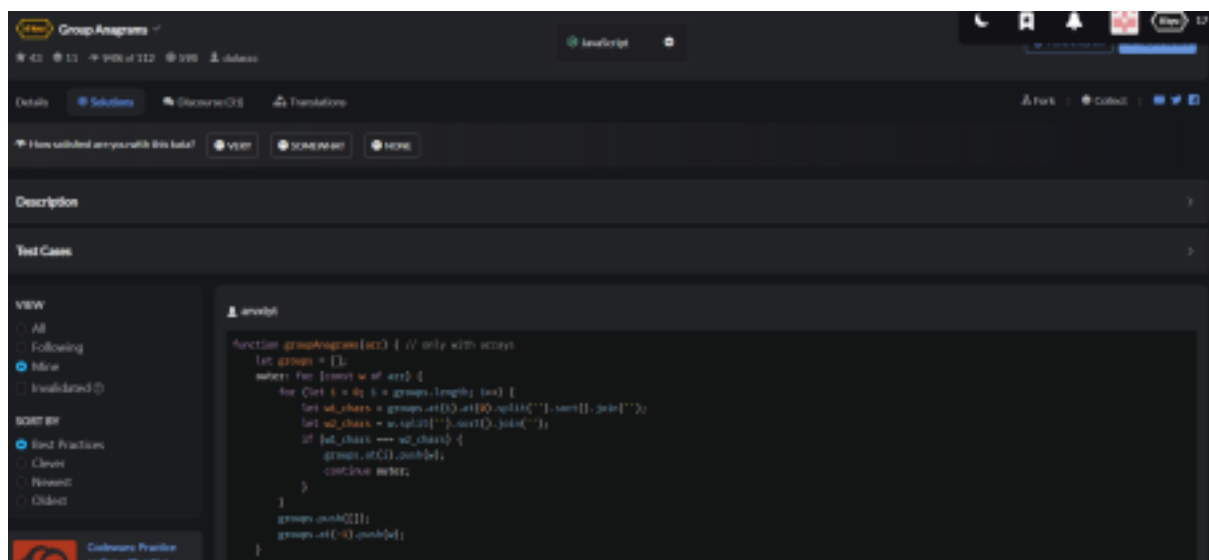
The screenshot shows a LeetCode problem titled "Equal Sides Of An Array" with a JavaScript solution. The solution uses a single loop to calculate the sum of elements on either side of a pivot point. The code is as follows:

```
function findFunction(arr) {
  for (let i = 0; i < arr.length; i++) {
    if (sum(arr.slice(0, i)) === sum(arr.slice(i+1))) {
      return i;
    }
  }
  return -1;
}

function sum(arr) {
  return arr.reduce((acc, val) => acc + val, 0);
}
```

The interface also shows a sidebar with navigation options and a bottom section with a "Good habits from great programmers" banner.

task 3



The screenshot shows a LeetCode problem titled "Group Anagrams" with a JavaScript solution. The solution uses a Map to group anagrams by their sorted characters. The code is as follows:

```
function groupAnagrams(strs) { // only with arrays
  let groups = [];
  for (let i = 0; i < strs.length; i++) {
    let str_chars = strs[i].split("").sort().join("");
    let str_index = str_chars.indexOf(strs[i]);
    if (str_index === -1) {
      groups.push(strs[i]);
    } else {
      groups[str_index].push(strs[i]);
    }
  }
  return groups;
}
```

The interface also shows a sidebar with navigation options and a bottom section with a "Codecademy Practice" banner.

task 4

task 5

VIEW

All

Following

Mine

Invalidated ⓘ

ART BY

Best Practices

Clever

Newest

arvxyt

```
function getRootProperty(object, number) {
  if (object.constructor === Object) {
    for (const key of Object.keys(object)) {
      if (getRootProperty(object[key], number))
        return key;
    }
    return null;
  } else return object.includes(number);
}
```

task 6

arvxyt

```
function landPerimeter(arr) {
  let p = 0;
  const H = arr.length;
  const W = arr[0].length;

  for (let i = 0; i < H; i++) {
    for (let j = 0; j < W; j++) {
      // якщо X скраю
      if (arr[i][j] === 'X') {
        if (i === 0)
          p++;
        if (i === H-1)
          p++;
        if (j === 0)
          p++;
        if (j === W-1)
          p++;

        if (i > 0 && arr[i-1][j] === '0')
          p++;
        if (i < H-1 && arr[i+1][j] === '0')
          p++;
        if (j > 0 && arr[i][j-1] === '0')
          p++;
        if (j < W-1 && arr[i][j+1] === '0')
          p++;
      }
    }
  }

  return "Total land perimeter: " + p;
}
```