

5 kyu Land perimeter ✓

☆ 402 76 95% of 597 1,618 of 4,390 St3f4n

Instructions Output Past Solutions

Time: 623ms Passed: 5 Failed: 0

Test Results:

Testing

Basic testing (5 of 5 Assertions)

Completed in 4ms

You have passed all of the tests! :)

JavaScript

Node v8.1.3

VIM EMACS

Solution

```
18 if (row < numRows - 1 && arr[row + 1][col] === 'X') {
19   totalPerimeter--;
20 }
21 if (col > 0 && arr[row][col - 1] === 'X') {
22   totalPerimeter--;
23 }
24 if (col < numCols - 1 && arr[row][col + 1] === 'X') {
25   totalPerimeter--;
26 }
27 }
28 }
29 }
30
31 return `Total land perimeter: ${totalPerimeter}`;
32 }
```

Sample Tests

```
1 describe("Testing", function() {
2   it("Basic testing", () => {
3     Test.assertEquals(landPerimeter(["OX000X", "OXDX00", "XX000X", "C
4     Test.assertEquals(landPerimeter(["OX000", "00XX", "OX00", "X00
5     Test.assertEquals(landPerimeter(["XXXXX000", "00X00000", "0000000
6     Test.assertEquals(landPerimeter(["X000X00", "OX00000", "XDX0X00",
7     Test.assertEquals(landPerimeter(["0000X0", "XDX00X", "XXDX0X", ">
8   });
9 });
```

SKIP VIEW SOLUTIONS DISCUSS (36) RESET TEST ATTEMPT

6 kyu Get root property name

☆ 48 🏆 8 📈 89% of 121 🕒 246 of 377 👤 kodejuice
⚠️ 2 Issues Reported

Instructions

Output

Time: 625ms Passed: 1 Failed: 0

Test Results:

Tests

> test

Completed in 5ms

You have passed all of the tests! :)

JavaScript

Node v8.1.3

VIM

EMACS

Solution

```
1 function getRootProperty(object, val) {  
2   for (let i in object) {  
3     if (typeof object[i] == 'object') {  
4       if (getRootProperty(object[i], val)) {  
5         return i;  
6       }  
7     } else {  
8       if (object[i] === val) {  
9         return i;  
10      }  
11    }  
12  }  
13  
14  return getRootProperty;  
15 }
```

Sample Tests

```
1 describe("Tests", () => {  
2   it("test", () => {  
3     //Basic test  
4  
5     const object = {  
6       "one": {  
7         "nest1": {  
8           "val1": [9, 34, 92, 100]  
9         }  
10    }  
11  }  
12 }
```

SKIP

VIEW SOLUTIONS

DISCUSS (12)

RESET

TEST

ATTEMPT

6 kyu Group Anagrams ✓

☆ 43 🏆 11 🔄 94% of 112 🕒 624 👤 dulaccc
⚠️ 3 Issues Reported

Instructions Output Past Solutions

Time: 870ms Passed: 3 Failed: 0

Test Results:

Human cases

- > Light lists
- > Edge cases

Completed in 1ms

Superhero cases

- > Heavy computation that is way too long to be output (so if it fails you need to optimize the algorithm!)

Completed in 100ms

You have passed all of the tests! :)

JavaScript

Node v18.x

VIM EMACS

Solution

```
1 function groupAnagrams(words){
2   let anagramGroups = {};
3
4   for (let word of words) {
5     let sortedWords = word.split('').sort().join('');
6
7     if(sortedWords in anagramGroups){
8       anagramGroups[sortedWords].push(word);
9     } else{
10      anagramGroups[sortedWords] = [word];
11    }
12  }
13  return Object.values(anagramGroups);
14 }
15
```

Sample Tests

```
1 describe("Tests", () => {
2   it("test", () => {
3     assertSimilarUnsorted(groupAnagrams(["rat", "tar", "star"]), [["rat",
4     ]]);
5   });
6 }
```

SKIP

VIEW SOLUTIONS

DISCUSS (18)

RESET

TEST

SUBMIT

6 kyu Equal Sides Of An Array ✓

☆ 3215 591 91% of 11,997 32,747 of 110,446 Shivo

Instructions Output Past Solutions

Time: 775ms Passed: 1 Failed: 0

Test Results:

FindEvenIndex

Tests

Completed in 1ms

You have passed all of the tests! :)

JavaScript

Node v18.x

VIM EMACS

Solution

```
1 function findEvenIndex(array)
2 {
3   for (let i = 0; i < array.length; i++) {
4     let sum1 = array.slice(0, i).reduce((sum, current) => sum + current, 0);
5
6     let sum2 = array.slice(i+1).reduce((sum, current) => sum + current, 0);
7
8     if (sum1 === sum2){
9       return i;
10    }
11  }
12  return -1;
13 }
```

Sample Tests

```
1 const Test = require('@codewars/test-compat');
2
3 describe("FindEvenIndex", function() {
4   it("Tests", function() {
5     Test.assertEquals(findEvenIndex([1,2,3,4,3,2,1]),3, "The array was split at index 3");
6     Test.assertEquals(findEvenIndex([1,100,50,-51,1,1]),1, "The array was split at index 1");
7     Test.assertEquals(findEvenIndex([1,2,3,4,5,6]),-1, "The array was not split");
8     Test.assertEquals(findEvenIndex([20,10,30,10,10,15,35]),3, "The array was split at index 3");
9   });
10 }
```

SKIP VIEW SOLUTIONS DISCUSS (278) RESET TEST ATTEMPT

6 kyu Largest Radial Sum ✓

☆ 10 1 88% of 54 109 of 263 zeroxoneafour

Instructions Output Past Solutions

Time: 783ms Passed: 2 Failed: 0

Test Results:

Fixed Tests

- regular
- edge cases

Completed in 2ms

You have passed all of the tests! :)

JavaScript

Node v18.x

VIM EMACS

Solution

```
1 function largestRadialSum(arr, d) {
2   let n = arr.length;
3   let i = 0;
4   let sum = [];
5
6   while (i < n/d) {
7     sum.push(0);
8     for(let j = i; j < n; j += n/d) {
9       sum[i] += arr[j];
10    }
11    i++;
12  }
13  console.log(Math.max(...sum));
14  return Math.max(...sum);
15 }
```

Sample Tests

```
1 const chai = require("chai");
2 const assert = chai.assert;
3
4 describe("Fixed Tests", function() {
5   it("regular", function() {
6     assert.strictEqual(largestRadialSum([1,2,3,4], 2), 6);
7     assert.strictEqual(largestRadialSum([1,5,6,3,4,2], 3), 11);
8     assert.strictEqual(largestRadialSum([1,1,0], 1), 1);
9   });
10  it("edge cases", function() {
```

SKIP VIEW SOLUTIONS DISCUSS (10) RESET TEST ATTEMPT

6 kyu Unpack delicious sausages!

☆ 19 🏆 7 📈 92% of 107 👁 184 of 443 👤 WellWellWell

Instructions

Output

Time: 977ms Passed: 5 Failed: 0

Test Results:

Solution

- > only lays valid sausage packages
- > does not lay the 5th reward package
- > only lays valid sausage packages when only one box
- > lays no sausages when truck contains only other products
- > lays no sausages when truck is empty

Completed in 1ms

You have passed all of the tests! :)

JavaScript

Node v18.x

VIM

EMACS



Solution

```
11 let sausageType = packages.substring(1, packages.length);
12 sausagesDisplay.push(...sausageType);
13 sausageCount++;
14
15 if (sausageCount === 5){
16   sausagesDisplay.splice(-4, 4);
17   sausageCount += 0;
18 }
19 }
20 }
21 }
22 }
23 return sausagesDisplay.join(' ');
24 }
25 }
```

Sample Tests

```
1 const chai = require("chai");
2 const assert = chai.assert;
3
4 describe("Solution", function() {
5   it("only lays valid sausage packages", function() {
6     assert.strictEqual(unpackSausages(["(----)", "IIII", "_HHH_"],
7   });
8   it("does not lay the 5th reward package", function() {
9     assert.strictEqual(unpackSausages(["IIII", "llll", "1111"]
10
```

SKIP

UNLOCK SOLUTIONS

DISCUSS (9)

RESET

TEST

ATTEMPT