



Heads Up! Unlock the full potential of your account – confirm your email to enable the full dojo experience!



5 kyu

246

4 kyu

Vigenère Cipher Helper ✓

☆ 7

13

90% of 978

© 3.078 of 7.272

 jacobbb

7 Issues Reported

Instructions

Output

Past Solutions

Time: 999ms Passed: 4 Failed: 0

Test Results:

- ✓ Testing with lowercase latin alphabet

- Password of 'password'

- Password of 'pizza'

- Password of 'attackatdawn', random tokens

Completed in 3ms

- ✓ Testing with katakana alphabet

> Password of 'カタカナ'

Completed in 1ms

You have passed all of the tests! :)

 JavaScript

Node v18.x

VIM

EMACS

Solution

```

44         if (newCharIndex < this._alphabet.length) return newCharIndex;
45     } else {
46         newCharIndex = newCharIndex - this._alphabet.length;
47         return newCharIndex;
48     }
49 }
50 _newDecodeIndex(messageCharIndex, keyCharIndex){
51     let newCharIndex = messageCharIndex-keyCharIndex;
52     if(newCharIndex>=0) return newCharIndex;
53 } else{
54     newCharIndex = this._alphabet.length+newCharIndex;
55     return newCharIndex;
56 }
57 }
58 }

```


👍 Outstanding! You may take your time to refactor/comment your solution. Submit when ready.

Sample Tests

```
13 Test.assertEquals(c.encode('waffles'), 'laxxhsj');
14 Test.assertEquals(c.decode('laxxhsj'), 'waffles');
15
16 Test.assertEquals(c.encode('CODEWARS'), 'CODEWARS');
17 Test.assertEquals(c.decode('CODEWARS'), 'CODEWARS');
18
19 });
20 };
21
```

▶▶ SKIP

[VIEW SOLUTIONS](#)

 **DISCUSS (156)**

RESET

SUBMIT

☆ 651 📖 133 🌟 93% of 569 🎯 841 of 3,027 👤 BurstNova ⚠️ 6 Issues Reported

Instructions Output Past Solutions

Time: 783ms Passed: 2 Failed: 0

Test Results:

▼ Kata Tests

Standard Tests

➤ Random Tests

Completed in 5ms

You have passed all of the tests! :)

 JavaScript

Node v18.x

VIM

EMACS

246

Solution


 Outstanding! You may take your time to refactor/comment your solution. Submit when ready.

Sample Tests

```
1 const Test = require('@codewars/test-compat');
2
3 describe("Kata Tests",function(){
4   it("Standard Tests", function(){
5     var Goku = new Warrior();
6
7     Test.assertDeepEquals(Goku.level(), 1, "All warriors must start as LV 1")
8     Test.assertDeepEquals(Goku.rank(), "Pushover", "All warriors must start as a Pushover")
9     Test.assertDeepEquals(Goku.achievements(), [], "All warriors must start off with no achievements")
10    Goku.train(["Do ten push ups", 95, 11], "Do ten push ups", "After obtai
```

▶▶ SKIP

[🔗 VIEW SOLUTIONS](#)

 **DISCUSS (74)**

RESET

SUBMIT

Time: 939ms Passed: 102 Failed: 0

Test Results:

✓ Tests suite

- sample test : 24 items with 10 per page
- empty collection
- random tests

Completed in 26ms

You have passed all of the tests! :)

JavaScript

Node v18.x

VIM EMACS

Solution

```
24     }
25     else return this._itemsPerPage;
26   }
27   pageIndex(itemIndex){
28     if(itemIndex>=0 && itemIndex<this._collectionLength){
29       let pages = (itemIndex+1)/this._itemsPerPage;
30       if(pages%1===0) return pages-1;
31       else return Math.floor(pages);
32     }
33     else return -1;
34   }
35 }
36
37
```

Impressive! You may take your time to refactor/comment your solution. Submit when ready.

Sample Tests

```
1 describe("Tests suite", () => {
2   const { strictEqual } = require('chai').assert;
3
4   function doTest(instance, methodName, expected, ...args) {
5     const actual = instance[methodName](...args);
6     strictEqual(actual, expected, `for ${methodName}(${args.join(', ')}`);
7   }
8
9   it("sample test : 24 items with 10 per page", () => {
```