

# Task 1:

## THE MINION GAME:

**HackerRank** NEW PREPARE CERTIFY COMPETE

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amenu4cse21469

All Contests > AI SIG C3 > The Minion Game

### The Minion Game

Problem

Submissions

Leaderboard

Discussions

Submitted an hour ago • Score: 10.00

Status: **Accepted**

✓	Test Case #0	✓	Test Case #1	✓	Test Case #2
✓	Test Case #3	✓	Test Case #4	✓	Test Case #5
✓	Test Case #6	✓	Test Case #7	✓	Test Case #8
✓	Test Case #9	✓	Test Case #10	✓	Test Case #11
✓	Test Case #12	✓	Test Case #13	✓	Test Case #14

### Submitted Code

Language: Python 3

Open in editor

```
1 def minion_game(string):
2     # your code goes here
3     vowels = 'AEIOU'
4     Stuart_score, Kevin_score = 0, 0
5     length = len(string)
6     for start_idx in range(length):
7         score = length - start_idx
8         if string[start_idx] in vowels:
9             Kevin_score += score
10        else:
11            Stuart_score += score
12    if Stuart_score == Kevin_score:
13        print('Draw')
14    if Stuart_score > Kevin_score:
15        print('Stuart {}'.format(Stuart_score))
16    if Stuart_score < Kevin_score:
17        print('Kevin {}'.format(Kevin_score))
```

# MERGE THE TOOLS

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All Contests > AI SIG C3 > Merge the Tools!

## Merge the Tools!

Problem

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✓	Test Case #0	✓	Test Case #1	✓	Test Case #2
✓	Test Case #3	✓	Success 0.04s	✓	Test Case #5
✓	Test Case #6	✓	Test Case #7	✓	Test Case #8
✓	Test Case #9	✓	Test Case #10	✓	Test Case #11
✓	Test Case #12	✓	Test Case #13	✓	Test Case #14
✓	Test Case #15	✓	Test Case #16		

Submitted Code

### Submitted Code

Language: Python 3

[Open in editor](#)

```
1 def merge_the_tools(string, k):
2     # your code goes here
3     temp = []
4     len_temp = 0
5     for item in string:
6         len_temp += 1
7         if item not in temp:
8             temp.append(item)
9         if len_temp == k:
10            print(''.join(temp))
11            temp = []
12            len_temp = 0
```

# REGEX SUBSTITUTION

All Contests > AI SIG C3 > Regex Substitution

## Regex Substitution

Problem	Submissions	Leaderboard	Discussions
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Submitted an hour ago • Score: 10.00

Status: **Accepted**

✓	Test Case #0	✓	Test Case #1	✓	Test Case #2
✓	Test Case #3	✓	Test Case #4	✓	Test Case #5
✓	Test Case #6	✓	Test Case #7	✓	Test Case #8

1 2 3 4 5 6 7 8 9 10 11

## Submitted Code

Language: Python 3  Open in editor

```
1 import re
2
3 ii = int(input())
4
5 for i in range(0,ii):
6     txt = input()
7     txt = re.sub(r"&\&\ ", " and ", txt)
8     txt = re.sub(r"\\|\\| ", " or ", txt)
9     txt = re.sub(r"&\&\ ", " and ", txt)
10    txt = re.sub(r"\\|\\| ", " or ", txt)
11    print(txt)
```

# WORDS SCORE

All Contests > AI SIG C3 > Words Score

## Words Score

Problem	Submissions	Leaderboard	Discussions
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Submitted an hour ago • Score: 10.00

Status: **Accepted**

✓ Test Case #0	✓ Test Case #1	✓ Test Case #2
✓ Test Case #3	✓ Test Case #4	✓ Test Case #5
✓ Test Case #6	✓ Test Case #7	✓ Test Case #8
✓ Test Case #9	✓ Test Case #10	✓ Test Case #11

### Submitted Code

Language: Python 3 [Open in editor](#)

```
1 def is_vowel(letter):
2     return letter in ['a', 'e', 'i', 'o', 'u', 'y']
3
4 def score_words(words):
5     score = 0
6     for word in words:
7         num_vowels = 0
8         for letter in word:
9             if is_vowel(letter):
10                 num_vowels += 1
11             if num_vowels % 2 == 0:
12                 score += 2
13             else:
14                 score += 1
15
16     return score
```

# REDUCE FUNCTION

All Contests > AI SIG C3 > Reduce Function

## Reduce Function

Problem

Submissions

Leaderboard

Discussions

Submitted an hour ago • Score: 10.00

Status: Accepted

✓	Test Case #0	✓	Test Case #1	✓	Test Case #2
✓	Test Case #3	✓	Test Case #4	✓	Test Case #5
✓		✓	Test Case #7	✓	Test Case #8
✓	Solved: 24 Attempted: 24	✓	Test Case #10		

## Submitted Code

Language: PyPy3 [Open in editor](#)

```
3 def product(fracs):
4
5     # creating empty list
6     total = []
7
8     # for loop to append numerator and denominator in list
9     for frac in fracs:
10         t = Fraction(frac.numerator, frac.denominator)
11         total.append(t)
12
13     # using lambda and reduce function
14     res = reduce(lambda x,y : x*y, total)
15     return res.numerator, res.denominator
16     return t.numerator, t.denominator
17
18
```

## TASK 2:

