

[All Contests](#) > [AI SIG C3](#) > [Reduce Function](#)

Reduce Function

Problem

Submissions

Leaderboard

Discussions

Submitted 7 days 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

Submitted Code

Language: PyPy3

[Open in editor](#)

```
3 def product(frac):  
4     t = Fraction(reduce(lambda x, y: x * y, frac))  
5     return t.numerator, t.denominator
```

Words Score

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✓	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: PyPy3

 Open in editor

```
1
2
3 def words_score(string):
4     score = 0
5     words = string.split()
6     for word in words:
7         v = 0
8         for l in word:
9             if l in 'aeiouy':
10                 v += 1
11         if v%2 == 0:
12             score += 2
13         else:
14             score += 1
15     print(score)
16
17 n = int(input())
18 string = input()
19 words_score(string)
```

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Regex Substitution

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Test Case #8

Submitted Code

Language: PyPy3

[Open in editor](#)

```
1 import re
2
3 def change_and_or(match):
4     if match.group(1) == '&&':
5         return 'and'
6     else:
7         return 'or'
8
9 for _ in range(int(input())):
10    print(re.sub(r"(?<= )(\| \| |&&)(?<= )", change_and_or, input()))
```

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The Minion Game

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Test Case #10



Test Case #11



Test Case #12



Test Case #13



Test Case #14

Submitted Code

Language: PyPy3

 [Open in editor](#)

```
1 def minion_game(s):
2     l = len(s)
3     vowel = 0
4     consonant = 0
5
6     for i in range(l):
7         if s[i] in 'AEIOU':
8             vowel += (l-i)
9         else:
10            consonant += (l-i)
11
12     if vowel < consonant:
13         print('Stuart ' + str(consonant))
14     elif vowel > consonant:
15         print('Kevin ' + str(vowel))
16     else:
17         print('Draw')
```

Merge the Tools!

Problem

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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



Test Case #15



Test Case #16

Submitted Code

Language: PyPy3

 Open in editor

```
1 def merge_the_tools(string, k):
2     for i in range(0, len(string), k):
3         t = string[i:i+k]
4         c = []
5         u = ''
6         for j in t:
7             if j not in c:
8                 u += j
9             c.append(j)
10        print(u)
11
```