

AI – ACM SIG TASKS

Category – 3

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1. The Minion Game

Submitted Code

Language: Python 3

```
1 def minion_game(string):
2     vowels = ['A','E','I','O','U']
3     stuart = 0
4     kevin = 0
5     n = len(string)
6     for i in range(n):
7         if string[i] in vowels:
8             kevin += n-i
9         else:
10            stuart += n-i
11
12    if (kevin>stuart):
13        print("Kevin",kevin)
14    elif (stuart>kevin):
15        print("Stuart",stuart)
16    else:
17        print("Draw")
18
19
```

Submitted 6 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	✓	Test Case #11
✓	Test Case #12	✓	Test Case #13	✓	Test Case #14

2. Merge The Tools!

Submitted Code

Language: Python 3

```
1 def merge_the_tools(string, k):
2     n = len(string)
3     sp = int(n/k)
4     for i in range(sp):
5         s = string[i*k:(i+1)*k]
6         u = ""
7         for j in s:
8             if j not in u:
9                 u += j
10        print(u)
11
```

Submitted 5 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	✓ Test Case #11
✓ Test Case #12	✓ Test Case #13	✓ Test Case #14
✓ Test Case #15	✓ Test Case #16	

3. Regex Substitution

Submitted Code

Language: Python 3

```
1 import re
2 n = int(input())
3
4 def sub(a):
5     if a.group(1) == "&&":
6         return 'and'
7     else:
8         return 'or'
9
10 regex = r"(?<=\s)(&&|\|\|)(?=\s)"
11 pattern = re.compile(regex)
12 for i in range(n):
13     print(pattern.sub(sub,input()))
```

Submitted 6 hours 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

4. Words Score

Submitted Code

Language: Python 3

```
1 def score_words(words):
2     vowel = ["a", "e", "i", "o", "u", "y"]
3     score = 0
4     for string in words:
5         vowel_n = 0
6         for letter in string:
7             if letter in vowel:
8                 vowel_n += 1
9             if vowel_n % 2 == 0:
10                 score += 2
11         else:
12             score += 1
13     return (score)
```

Submitted 5 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	✓ Test Case #11

5. Reduce Function

Submitted Code

Language: Python 3

```
3 def product(fracs):  
4     t = Fraction(reduce(lambda x,y : x*y, frags))  
5     return t.numerator, t.denominator  
6
```

Submitted 6 hours 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		