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## Problem 1

## Problem 1

10.0/10.0 points (graded)

Assume s is a string of lower case characters.

Write a program that counts up the number of vowels contained in the string s. Valid vowels are: 'a', 'e', 'i', 'o', and 'u'. For example, if s = 'azcbobobegghakl', your program should print:

```
Number of vowels: 5
```

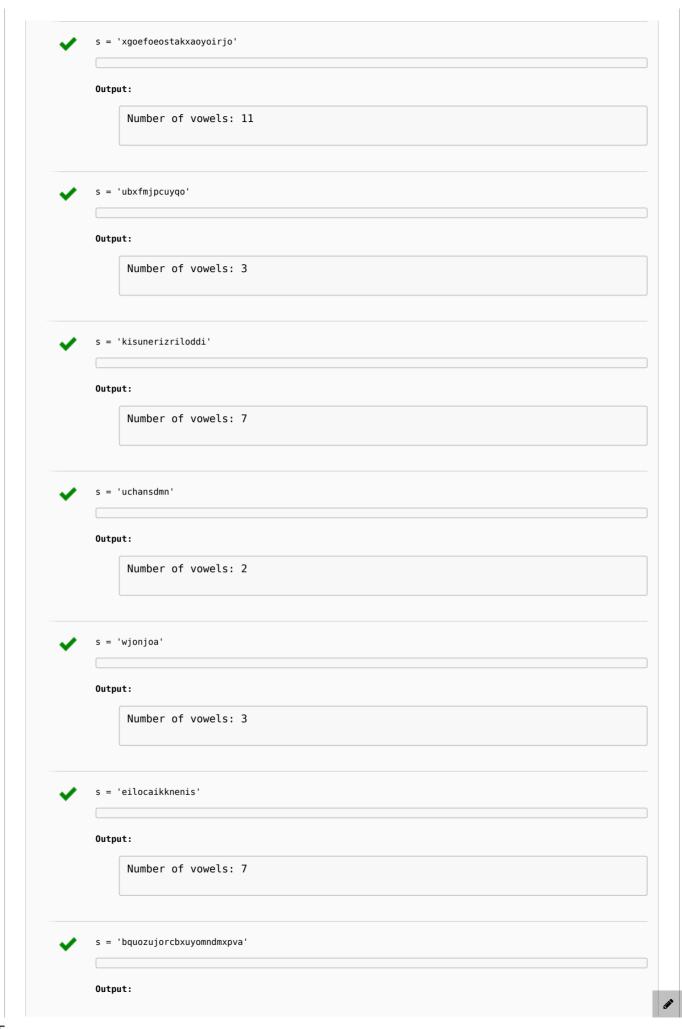
```
1 \text{ vowelCount} = 0
 2 for letter in s:
 4
      if letter == "a":
5
          vowelCount += 1
      elif letter == "e":
 6
7
         vowelCount += 1
8
      elif letter == "i":
9
          vowelCount += 1
10
      elif letter == "o":
11
          vowelCount += 1
12
      elif letter == "u":
13
          vowelCount += 1
15 print ('Number of vowels: ' + str(vowelCount))
```

Press ESC then TAB or click outside of the code editor to exit

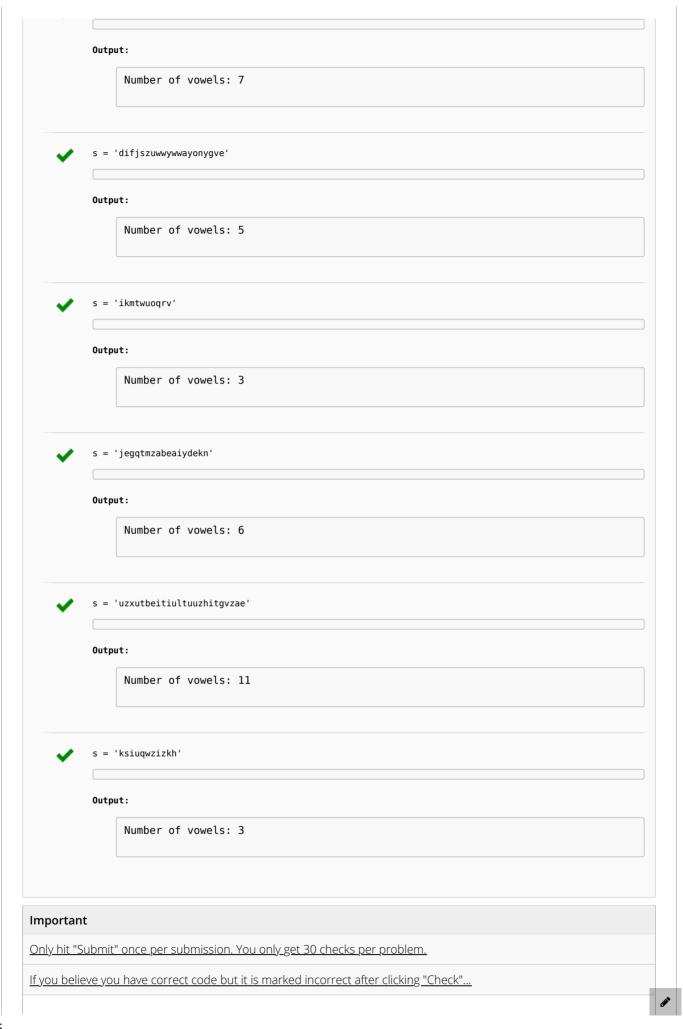
Correct

Test results





```
Number of vowels: 7
    s = 'bcouanymarmizkliguag'
      Output:
           Number of vowels: 8
    s = 'aeaeuewwpigagjbykuoaud'
      Output:
           Number of vowels: 12
     s = 'myoxneaebml'
      Output:
           Number of vowels: 4
     s = 'opnrtkzlniopstfa'
      Output:
           Number of vowels: 4
      s = 'iluqreaatouikrulri'
      Output:
           Number of vowels: 10
      s = 'bijejnntndjpsebunedmdrx'
      Output:
           Number of vowels: 5
s = 'ielttvifaetxdkveqypdnnta'
```



"Staff Debug; L397 Error" means your code has an infinite loop...

Do not define your own values

Submit You have used 3 of 30 attempts

Problem 1

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