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Problem 1

1.0/1 point (ungraded)

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:

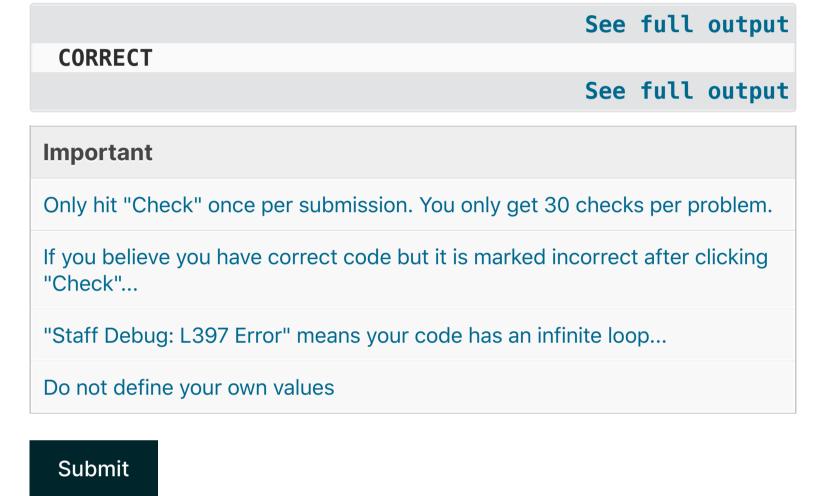
Number of vowels: 5

```
1 \text{ numVowels} = 0
 2 index = 0
 3
4 # Loop through the string to find all vowels a,e,i,o,u
 5 while index < len(s):</pre>
      if s[index] == "a" or s[index] == "e" or s[index] == "i" or
 6
 7
      or s[index] == "u":
 8
           # Increment numVowels
 9
           numVowels += 1
10
11
      # Iterate index
       index += 1
12
13
14 #When done iterating through string print total number of vowels
15 print ("Number of vowels: " + str(numVowels))
```

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

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Test results



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