edX

> **Audit Access Expires 5 de ago de 2020**
> You lose all access to this course, including your progress, on 5 de ago de 2020.

Problem 1

Problem Set due Jun 18, 2020 20:30 -03   *Completo*

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Problem Set due Jun 18, 2020 20:30 -03   *Completo*

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  # Paste your code into this box
2  vowels = 0
3  for i in s:
4      if i in ('a','e','i','o','u'):
5          vowels += 1
6  print('Number of vowels: ' + str(vowels) )
```

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

Correta

Test results

Hide output

CORRECT

```
s = 'zuwpyav'
```

Output:

```
Number of vowels: 2
```

```
s = 'tvtqabfgekloqso'
```

Output:

```
Number of vowels: 4
```

```
s = 'kdobxggqzzu'
```

Output:

```
Number of vowels: 2
```

```
s = 'bjlcantzumledcoiuhin'
```

Output:

```
Number of vowels: 8
```

s = 'iybbreiyuqwiaiihmu'

Output:

```
Number of vowels: 9
```

s = 'ioeuaahlavqfu'

Output:

```
Number of vowels: 8
```

s = 'poaijilfivrioodcadw'

Output:

```
Number of vowels: 9
```

s = 'yreuatgzifatvjutvpbg'

Output:

```
Number of vowels: 6
```

s = 'sczdip'

Output:

```
Number of vowels: 1
```

s = 'ejniovtbecbxyqupeiyjomux'

Output:

```
Number of vowels: 9
```

s = 'daoulwaejpzicxupfqt'

Output:

```
Number of vowels: 7
```

s = 'qiovukdiqix'

Output:

```
Number of vowels: 5
```

s = 'weyafvoujaoivsmdeis'

Output:

```
Number of vowels: 9
```

s = 'juaympvfrtliduezololjm'

Output:

```
Number of vowels: 7
```

s = 'zqzipuismlhf'

Output:

```
Number of vowels: 3
```

s = 'geiyqztu'

Output:

```
Number of vowels: 3
```

s = 'uoiczwiicekauirnoi'

Output:

```
Number of vowels: 11
```

s = 'ouvyjxli'

Output:

```
Number of vowels: 3
```

s = 'axuewofeeph'

Output:

> Number of vowels: 6

s = 'qcmjgjnyetaiwwglvq'

Output:

> Number of vowels: 3

Hide output

Important

Only hit "Submit" once per submission. You only get 30 checks per problem.

** Our automatic grader may take a few minutes to respond with feedback. If you hit "Check" multiple times, you will lose a check for every press of the button.

** If you're unfamiliar with how our autograder works, first try out one of the infinite check problems in the lecture sequences.

** Please be judicious with your checks, as we are unable to give you more than 30 checks. However this should be more than sufficient: if you do your code development in your local environment, and ensure you can pass our test cases, you should not require more than a few checks once you paste your working, tested code into our code box.

If you believe you have correct code but it is marked incorrect after clicking "Check"...

** After you submit your code, you can see every test case the graders runs on your code. They compare what your code outputs with what our answer code is supposed to output. Click the small link titled "See Full Output" below the Test Results header.

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

** Clicking Check may give you the error:

> There was a problem running your solution (Staff debug: L379).

> We couldn't run your solution (Staff debug: L397). .

This means your code is taking too long or has an infinite loop. Test your code with more unique test cases, such as very large or very small values.

<u>Do not define your own values</u>

** For problems such as these, do not include `input` statements or define variables we told you would be given. Our automated testing will provide values for you - so write your code in the following box assuming those variables are already defined.

| Enviar | You have used 3 of 30 attempts |

Problem 1

| | Ocultar discussão |

Topic: Problem Set 1 / Problem 1

| Show all posts ⌄ | por atividade recente ⌄ |

? <u>extension in deadline</u>
<u>Sir, when i enrolled for this course, the deadline of problem 1 and 2 was already over. Is there…</u>
6

💬 <u>New Student</u>
<u>I just found this course today (6/30/20), and I want to enroll for this course. However, I see tha…</u>
2

? <u>What happens tomorrow after the deadline? Will we lose access to the problem set if we are auditing the course?</u>
<u>Please see the title. Thank you for your help!</u>
5

💬 <u>Cant submit problem 1</u>
<u>I solved the problem 1 but it when I go to submit button, nothing happens. I enrolled this cour…</u>
3

? <u>Problem set says both Past due and Completed…</u>
6

? <u>Joined Late - how do I submit</u>
<u>I joined the course very late and have been trying to catch up. Is there a way for me to submit …</u>
2

💬 <u>due date extension</u>
<u>i started the course in end of june and would really want to get a cert for this course, is it poss…</u>
2

? <u>Where is the week 1 and week 2 sandbox?</u>
<u>I missed the first two homeworks but I want to study for the midterm? But I can only see the …</u>
2

💬 <u>Submission Deadlines</u>
<u>Hi - I started this class slightly late as I was finishing up some other MOOCs and now am unabl…</u>
2

? I'm not able to submit my 'Problem 1'
<u>I wrote the whole proram as answer but the option of Submit is not letting me click it!</u>
2

? <u>Fault in Submit button</u>   2

<u>I have purchased this course yesterday only. I started doing this from today. Im not able to se</u>...

💬 <u>Curious as to why using "or" multiple times in conjunction with comparison</u>
<u>operator did not work?</u>   3

<u>I was able to make the code work using a list, as follows: numVowels = 0 vowelList = ["a", "e", "</u>...

💬 <u>Technical difficulty</u>
                                                                                                      2

? <u>Fault in Submit button</u>

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💬 <u>Curious as to why using "or" multiple times in conjunction with comparison</u>
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