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Problem 1

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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 = 'bjloantzwmlodeoiihir'
```

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 = 'yreuatzifatvjutvpbg'
```

Output:

Number of vowels: 6



```
s = 'sczdip'
```

Output:

```
Number of vowels: 1
```

```
s = 'ejniovtbecbxyqupeiyjomux'
```

Output:

```
Number of vowels: 9
```

```
s = 'daoulwaejpicxupfqt'
```

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 = 'zqzipuismllhf'
```

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 = 'axuewofeeeph'
```

Output:

Number of vowels: 6

```
s = 'qcmjggjnyetaiwwglvq'
```

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.

Do not define your own values

**** 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

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- ? checking if my submission was received? 2

Hi, to whom it may concern, I previously submitted my answer for Problem Set 1, on time, an...
- 💬 Showing my code as incorrect 1

I submitted a code and grader shows that it's incorrect. So I tried see full report and tried out ...
- ? aren't spaces allowed in a variable? 2

i am writing a rough code for this in spyder. but as i create a variable " Number of vowels" it s...
- ? How can i check the post? 3

I'm verified every day from last Friday, the chance to submit this 3 problems but was not possi...
- ? Is it possible to just verify the correctness of a solution after the due date, not for the grade but for the validity? 4

if so how can we submit our solution past the deadline?
- 💬 Join the course today, miss problem set 2

I just add in this course. but I noticed that the problem set was due on early June. Could I mak

💬 The Code



	<u>didn't get it turned in on time, here's my code anyway incase anyone is having trouble: print("i...</u>	2
💬	<u>Delivery</u> <u>Good morning. As the same of most students of this course have happened. I was unable to d...</u>	2
?	<u>I have a problem</u> <u>**I have a problem "Submit button is disabled, however I have paste my code" what can I do?...</u>	2
💬	<u>Problem n1</u> <u>Good morning! I am really sorry I didn't manage to solve the problems of week 1 in time. I enr...</u>	14
?	<u>submit button</u> <u>Why is it not allowing me to submit my code</u>	5
💬	<u>unable to submit. WHY?</u> <u>have completed but submit button is not active</u>	2
💬	<u>I used a list</u> <u>I do have some experience in python, I used to use for loops and I used a list and the for loop to do this</u>	5

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