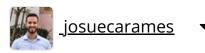


# MITx: 6.00.1x Introduction to Computer Science and Programming Using Python

<u>Help</u>



<u>Course</u> > <u>Week 1: Python Basics</u> > <u>Problem Set 1</u> > Problem 1

## **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



```
numVowels = 0
2
3 for char in s:
4    if char == "a" or char == "e" or char == "i" or char == "o" or char
5        numVowels += 1
6 print ("Number of vowels: " + str(numVowels))
```

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

Correct

## Test results

See full output
CORRECT
See full output

### **Important**

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

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

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

Do not define your own values

You have used 1 of 30 attempts Submit Problem 1 **Hide Discussion Topic:** Problem Set 1 / Problem 1 Add a Post by recent activity 💠 Show all posts

<u>tip</u> <u>after alot of tryin</u> ;	g in spyder and finding the solution after the 5th try. i got a tip for those wh	3
problem in sub when i run the pr	omitting rogram in Python shell i get all the possibilities of s right but when i submit i	10
	ng a syntax error? se the example by the automatic grader and this is what I got. I'm not sure	4
Problem set 1 My IDLE gives a c	orrect result, but grader keeps mentioning that my answer is wrong. Pleas	2
•	t in my output but not grader posts and do not assign s a value and tested output at each iteration; all loo	5
<u>13th time. shee</u> :)	esh. not my future profession :)	5
Code Output Q I have checked m	Query ny code for the string 'favzgfakjmumjeeawxzj' and my code displays the nu	2
<ul><li>Video Walkthro</li><li>*From: discussion</li><li>Community TA</li></ul>	oughs, PSET 1 n posted in 2018 by ThomasBallatore (Community TA)* For anyone totally I 1	new_
•	e is correct but the answer is still wrong. our output: Number of vowels: 1 Number of vowels: 2 Number of vowels: 2	3
? Problem set 1 I wrote the code.	But instead of getting the number of vowels, I get 1, 2, 3, 4, 5 as a result. D	3
	ts with same code (code shown in question)  've tested it using pythontutor.com. Every time I submit this code it keeps t	3
-	answer, it has been showing processing for 5 minutes now take to grade after the pop up below appears Your answer has been submi	2
<b>№</b> Boom		1