



[Curso](#) > [Week 3...](#) > [Proble...](#) > Proble...

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Problem 3

Problem Set due Jul 2, 2020 20:30 -03 *Completo*

Problem 3 - Printing Out all Available Letters

10.0/10.0 points (graded)

Next, implement the function `getAvailableLetters` that takes in one parameter - a list of letters, `lettersGuessed`. This function returns a string that is comprised of lowercase English letters - all lowercase English letters that are **not** in `lettersGuessed`.

Example Usage:

```
>>> lettersGuessed = ['e', 'i', 'k', 'p', 'r', 's']
>>> print(getAvailableLetters(lettersGuessed))
abdcfghjlmnoqtuvwxyz
```

Note that this function should return the letters in alphabetical order, as in the example above.

For this function, you may assume that all the letters in `lettersGuessed` are lowercase.

Hint: You might consider using `string.ascii_lowercase`, which is a string comprised of all lowercase letters:

```
>>> import string
>>> print(string.ascii_lowercase)
abcdefghijklmnopqrstuvwxyz
```

```
1 def getAvailableLetters(lettersGuessed):
2     '''
```



```
3     lettersGuessed: list, what letters have been guessed so far
4     returns: string, comprised of letters that represents what letters have not
5         yet been guessed.
6     '''
7     # FILL IN YOUR CODE HERE...
8     alfabeto = 'abcdefghijklmnopqrstuvwxyz'
9     sobram = ''
10    for letra in alfabeto:
11        if letra not in lettersGuessed:
12            sobram += letra
13    return sobram
```

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

Correta

Test results

[Hide output](#)

CORRECT

Test 1

Function call: `getAvailableLetters(['e', 'i', 'k', 'p', 'r', 's'])`

Output:

`'abcdfghjlmnoqtuvwxyz'`

Test 2

Function call: `getAvailableLetters([])`

Output:

`'abcdefghijklmnopqrstuvwxyz'`

Random Test 1

Function call: `getAvailableLetters(['h', 'x', 'i', 'm'])`



Output:`'abcdefghijklmnopqrstuvwyz'`

Random Test 2

Function call: `getAvailableLetters(['v', 'w', 'o', 'y'])`**Output:**`'abcdefghijklmnopqrstuxz'`

Random Test 3

Function call: `getAvailableLetters(['u', 'z', 'k', 'w', 'g', 'v', 'e', 'n', 'c', 'h', 's', 'd'])`**Output:**`'abfijlmopqrtxy'`

Random Test 4

Function call: `getAvailableLetters(['i', 'u', 'y', 'k', 'q', 'p', 'v', 'h', 'j', 'o', 'b'])`**Output:**`'acdefglmnrstwxz'`[Hide output](#)

Enviar

You have used 1 of 30 attempts














Problem 3 - Printing Out all Available Letters

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por atividade recente



-  Stepping back down to Basics 1
Good Evening Software Engineers, I will be repeating the course and going through the begin...
-  Not sure about replacing 3
Hello all! This may be a little late, and I may have also just missed something, but I was just wo...
-  Error can't rectify. 1
Traceback (most recent call last): File "submission.py", line 13, in getAvailableLetters secretWo...
-  Advice 3
be careful with the lists, do not forget the classic problems that arise from modifying the list w...
-  HELPPPPPP!!!! T- 9HOUR: argument of type 'NoneType' is not iterable 3
[EDIT] `Please do not post more than a couple of lines of PSET code before the deadline f...
-  Make parts 1, 2, and 3 of PSET 3 a little more interesting.
Sounds like I'm going to make a wager. But I'd like to suggest that **you try to do each of theses...** 16 new_
 Community TA
-  Code not working in grader 17
When I write down the program in python tutor, the code works perfectly for all sample tests. ...
-  Using underscores 4
Hi, I'd tried to use a function that gives an output like this: abcd fgh j lmno q tuvwxyz replac...
-  HINTS: use sort() to order a list and replace() to remove characters from a string 9
I guess two good tips for this problem are: - thinking about using **sort()** to order a list and...
-  String to List question 3
Ok so I have watched the walk through on YouTube and I get stuck with converting my string t...
-  Multi-day grader issue 2
Hello! I am having issues with the grader on question 3. This has happened on other problem...
-  create a list and then convert that list using ".join(myList)". Is there a way directly storing strings? 3
For Problem 2 and 3, I generated the answer by first storing them in list and then converting i...

