

Curso > Week 3... > Proble... > Proble...

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Problem 2

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

Problem 2 - Getting the User's Guess

10.0/10.0 points (graded)

Next, implement the function <code>[getGuessedWord]</code> that takes in two parameters - a string, <code>[secretWord]</code>, and a list of letters, <code>[lettersGuessed]</code>. This function returns a string that is comprised of letters and underscores, based on what letters in <code>[lettersGuessed]</code> are in <code>[secretWord]</code>. This shouldn't be too different from <code>[isWordGuessed]</code>!

Example Usage:

```
>>> secretWord = 'apple'
>>> lettersGuessed = ['e', 'i', 'k', 'p', 'r', 's']
>>> print(getGuessedWord(secretWord, lettersGuessed))
'_ pp_ e'
```

When inserting underscores into your string, it's a good idea to add at least a space after each one, so it's clear to the user how many unguessed letters are left in the string (compare the readability of _____ with _____). This is called *usability* - it's very important, when programming, to consider the usability of your program. If users find your program difficult to understand or operate, they won't use it!

For this problem, you are free to use spacing in any way you wish - our grader will only check that the letters and underscores are in the proper order; it will not look at spacing. We do encourage you to think about usability when designing.

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

3 secretWord string the word the user is guessing

```
Jeer cemora. Jer ing, ene mora ene aver in gaessing
 4
      lettersGuessed: list, what letters have been guessed so far
 5
      returns: string, comprised of letters and underscores that represents
 6
        what letters in secretWord have been guessed so far.
 7
 8
      # FILL IN YOUR CODE HERE...
      palavra = ''
9
      for letra in secretWord:
10
11
         if letra not in lettersGuessed:
               palavra += '
12
13
               # print('não', letra, palavra)
14
         else:
               palavra += ' ' + letra
15
16
              # print('sim', letra, palavra)
17
      # print('dentro', palavra)
18
      return palavra
```

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

Correta

Test results

```
Hide output
CORRECT
            Test 1
              Function call: getGuessedWord('apple', ['e', 'i', 'k', 'p', 'r', 's'])
            Output:
                     _ p p _ e'
            Test 2
              Function call: getGuessedWord('durian', ['a', 'c', 'd', 'h', 'i', 'm', 'n', 'r', 't', 'u'])
            Output:
                   'durian'
            Random Test 1
```

Problem 2 | Problem Set 3 | Material didático 6.00.1x | edX Function call: getGuessedWord('lettuce', ['f', 'v', 'c', 'd', 'm', 'g', 'r', 'p', 'u', 'w']) Output: _ _ _ u c _' Random Test 2 Function call: getGuessedWord('carrot', ['z', 'w', 'd', 'v', 'h', 'c', 'q', 'j', 'o', 'k']) Output: ' c _ _ _ o _' Random Test 3 Function call: getGuessedWord('broccoli', []) Output: Random Test 4 Function call: getGuessedWord('carrot', ['n', 'q', 'm', 'g', 'v', 'b', 'a', 'u', 'h', 'r']) Output: '_arr__'

Hide output

Enviar

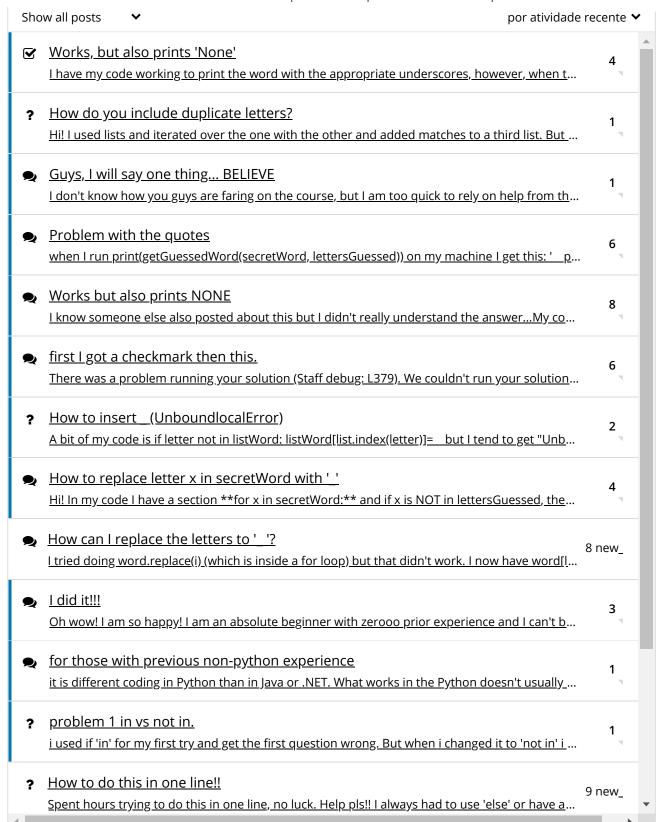
You have used 3 of 30 attempts

Problem 2 - Getting the User's Guess

Ocultar discussão

Topic: Problem Set 3 / Topic-Level Student-Visible Label





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