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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 `getGuessedWord` that takes in two parameters - a string, `secretWord`, and a list of letters, `lettersGuessed`. This function returns a string that is comprised of letters and underscores, based on what letters in `lettersGuessed` are in `secretWord`. This shouldn't be too different from `isWordGuessed`!

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

```
3 secretWord: string, the word the user is guessing
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...
9 palavra = ''
10 for letra in secretWord:
11     if letra not in lettersGuessed:
12         palavra += ' _ '
13         # print('não', letra, palavra)
14     else:
15         palavra += ' ' + letra
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:

' d u r i a n '

Random Test 1



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:

' _ a r r _ _ '

[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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- | | | |
|---|--|--------|
| ✓ | <u>Works, but also prints 'None'</u>
I have my code working to print the word with the appropriate underscores, however, when t... | 4 |
| ? | <u>How do you include duplicate letters?</u>
Hi! I used lists and iterated over the one with the other and added matches to a third list. But ... | 1 |
| 💬 | <u>Guys, I will say one thing... BELIEVE</u>
I don't know how you guys are faring on the course, but I am too quick to rely on help from th... | 1 |
| 💬 | <u>Problem with the quotes</u>
when I run <code>print(getGuessedWord(secretWord, lettersGuessed))</code> on my machine I get this: ' _p... | 6 |
| 💬 | <u>Works but also prints NONE</u>
I know someone else also posted about this but I didn't really understand the answer...My co... | 8 |
| 💬 | <u>first I got a checkmark then this.</u>
There was a problem running your solution (Staff debug: L379). We couldn't run your solution... | 6 |
| ? | <u>How to insert (UnboundLocalError)</u>
A bit of my code is if letter not in listWord: <code>listWord[list.index(letter)]=</code> but I tend to get "Unb... | 2 |
| 💬 | <u>How to replace letter x in secretWord with ' '</u>
Hi! In my code I have a section <code>**for x in secretWord:**</code> and if x is NOT in lettersGuessed, the... | 4 |
| 💬 | <u>How can I replace the letters to ' '? </u>
I tried doing <code>word.replace(i)</code> (which is inside a for loop) but that didn't work. I now have <code>word[l...</code> | 8 new_ |
| 💬 | <u>I did it!!!</u>
Oh wow! I am so happy! I am an absolute beginner with zerooo prior experience and I can't b... | 3 |
| 💬 | <u>for those with previous non-python experience</u>
it is different coding in Python than in Java or .NET. What works in the Python doesn't usually... | 1 |
| ? | <u>problem 1 in vs not in.</u>
i used if 'in' for my first try and get the first question wrong. But when i changed it to 'not in' i ... | 1 |
| ? | <u>How to do this in one line!!</u>
Spent hours trying to do this in one line, no luck. Help pls!! I always had to use 'else' or have a... | 9 new_ |

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