

PRINTING OUT THE USER'S GUESS (5/5 points)

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.

```
1 def getGuessedWord(secretWord, lettersGuessed):
2     '''
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     newList = list(secretWord)
10    flag = 0
11    final = []
12    for x in newList:
13        for y in lettersGuessed:
14            if x == y:
15                flag = 1
16                break
```

Correct

Test results

Hide output

CORRECT

Test 1

Function call: getGuessedWord('apple', ['e', 'i', 'k', 'p', 'r', 's'])

Output:

'_pp_e'

Test 2

Function call: `getGuessedWord('durian', ['a', 'c', 'd', 'h', 'i', 'm', 'n', 'r', 't', 'u'])`

Output:

`'durian'`

Random Test 1

Function call: `getGuessedWord('coconut', ['n', 'd', 's', 'a', 'x', 'y', 'v', 'l', 'g', 't'])`

Output:

`'__n_t'`

Random Test 2

Function call: `getGuessedWord('pineapple', ['k', 'q', 'g', 'b', 'w', 'm', 'h', 'd', 'y', 'u'])`

Output:

`'_____'`

Random Test 3

Function call: `getGuessedWord('banana', [])`

Output:

' _ _ _ _ '

Random Test 4

Function call: `getGuessedWord('coconut', ['e', 'v', 's', 'o', 'u', 'g', 'w', 'a', 'p', 'j'])`

Output:

' _ o _ _ u _ '

Hide output

Check

Save

You have used 2 of 30 submissions

Show Discussion



New Post





EdX offers interactive online classes and MOOCs from the world's best universities. Online courses from MITx, HarvardX, BerkeleyX, UTx and many other universities. Topics include biology, business, chemistry, computer science, economics, finance, electronics, engineering, food and nutrition, history, humanities, law, literature, math, medicine, music, philosophy, physics, science, statistics and more. EdX is a non-profit online initiative created by founding partners Harvard and MIT.

© 2015 edX, some rights reserved

[Terms of Service and Honor Code](#)

[Privacy Policy \(Revised 4/16/2014\)](#)

About edX

[About](#)

[News](#)

[Contact](#)

[FAQ](#)

[edX Blog](#)

[Donate to edX](#)

[Jobs at edX](#)

Follow Us

 [Twitter](#)

 [Facebook](#)

 [Meetup](#)

 [LinkedIn](#)

 [Google+](#)