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<u>Course</u> > <u>Week 3: Structured Types</u> > <u>Problem Set 3</u> > Problem 1

Problem 1

Problem 1 - Is the Word Guessed

0.0/10.0 points (graded)

Please read the Hangman Introduction before starting this problem. We'll start by writing 3 simple functions that will help us easily code the Hangman problem. First, implement the function <code>isWordGuessed</code> that takes in two parameters - a string, <code>secretWord</code>, and a list of letters, <code>lettersGuessed</code>. This function returns a boolean - <code>True</code> if <code>secretWord</code> has been guessed (ie, all the letters of <code>secretWord</code> are in <code>lettersGuessed</code>) and <code>False</code> otherwise.

Example Usage:

```
>>> secretWord = 'apple'
>>> lettersGuessed = ['e', 'i', 'k', 'p', 'r', 's']
>>> print(isWordGuessed(secretWord, lettersGuessed))
False
```

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

```
def isWordGuessed(secretWord, lettersGuessed):
    '''
    secretWord: string, the word the user is guessing
    lettersGuessed: list, what letters have been guessed so far
    returns: boolean, True if all the letters of secretWord are in letter
    False otherwise
    '''
# FILL IN YOUR CODE HERE...
```

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

Unanswered

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You have used 0 of 30 attempts

Problem 1 - Is the Word Guessed

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Can't get past 6.67 out of 10 I'm having trouble figuring out how to handle cases like 'durian' and 'broccoli'. Can anyone gi	1
for loop I did a for loop to iterate through every letter in secretWord to check if its inside lettersGuess	6
? I am getting none along with the true and false output which matches correctly with the output required. What is it that I'm supposed to do to get rid of the none output I get along with the correct ou	2
? Code worked on all tests bar test 4? Could anyone give me an insight into why? My code is essentially as follows: 1. define NewWo	2
Hey all. My Answer are coming correct but with every answer it is showing none also. What should I do? Spoiler! Why none is coming s = set(secretWord) P = set(lettersGuessed) < snip don't > print(F	4
Possibility Guys, you can increment a variable everytime a letter of secretWord is found in the list. And o	5

2 of 3

Kindly help me get the question right in my head. The Problem baffles me. TAs pls help me. I don't know what's wrong with my understanding. But, what do the 3 parts in the question si	.
If you have too many letters in lettersGuessed, my program will say it is false. edgedisagrees. If you have too many letters, you have guessed too many times.	<u>X</u>
? SPOILER: Query regarding implementation i have solved it with 2 cases: in case 1 assume an empty list, convert secretWord in list, iterat	. 3
? Getting the wrong output in broccoli case. I don't know where the problem is ((Snip: please do not post PSET code)) ((Instead, describe the problem and the error messag.	2
? Code failed due to multiple occurances of letters guessed. Problem implies that letters may be guessed only once. My code failed on the word pineapple because 'p' was used as the guess letter three times. H.	2
? Consistency between problem #1 and #4 The code I submitted for isWordGuessed() function turned out to be graded as correct. While	. 2
I hear curiosity kills cats (Maybe, potentially features spoilers- ones that no one wants, I assume) So. I used 11 lines of code to solve this, but it works for all the test cases on the grader and th.	2
? I received message that I should have defined secretWord (???) I received error message that I should have defined secretWord, but I thought the Problem w	. 6
? [SPOILER] I solved it, but I would like to understand more about this solution Lused 4 lines to solve this problem: ((Please do not post PSET solution)) Is this correct? Than	. 3
? [SPOILER] Is this how the loop works? (previous one wasn't answered) Lused 4 lines to solve this problem: ((Please do not post PSET solution)) Is this correct? Than	. 2
? Solved, but poorly I did this one in 8 lines but I don't think I did it the expected way and I'd like to know why it w	11
SPOILER	1

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