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Problem 1

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Problem Set due Feb 24, 2022 20:30 -03
Problem 1 – Is the Word Guessed

10/10 points (graded)

Please read the improved Instructions 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 `lettersGuessed` that takes in two parameters - a string, `secretWord`, and a list of letters, `lettersGuessed`. This function returns a boolean - `True` if `secretWord` has been guessed by all the letters in `lettersGuessed` and `False` 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 is
             False otherwise
    '''
    # TO-DO...
    for l in secretWord:
        if l in lettersGuessed:
            return True
        else:
            exp = False
            break
```

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

Correct

Test results

CORRECT

See full output

See full output

Enviar You have used 1 of 30 attempts Salvar

Correct (10/10 points)

Problem 1 - Is the Word Guessed

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Extra Challenge: Do a one line version of this function

discussion posted 15 days ago by _jlinel_ (Community TA)

You can also do this problem very nicely with either listcomp or sets and more on sets.

Both are very very tightly touched during the course but well worth mastering. And fun. So, did you succeed?
This or no, not the solutions please 😉

```
def isWordGuessed(secretWord, lettersGuessed):
    '''
    secretWord: string, the word the user is guessing
    lettersGuessed: list, what letters have been guessed so
    returns: boolean, True if all the letters of secretWord
             False otherwise
    '''
    return set(
    )
    return all(
```

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

Correct

This post is visible to everyone.

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21 responses

ricelree
10 days ago - endorsed 10 days ago by _jlinel_ (Community TA)

I was able to do it with a combination of set and listcomp. Very useful tools, thank you :p

Thanks! I made it with listcomp!

posted 3 days ago by **sebastian_davila_personal**

Add a Comment

mbakkaoui98
9 days ago - endorsed 9 days ago by _jlinel_ (Community TA)

Got it with listcomps. Thanks for the tip on all()!

Add a Comment

nolawarig
9 days ago - endorsed 2 days ago by _jlinel_ (Community TA)

Yes, really interesting!

Thanks!

Thanks!

Thanks