

Courseware Updates & News Calendar Wiki Discussion Progress

HANGMAN PART 1: IS THE WORD GUESSED? (5/5 points)

Please read the Hangman Introduction before starting this problem. The helper functions you will be creating in the next three exercises are simply suggestions, but you DO have to implement them if you want to get points for this Hangman Problem Set. If you'd prefer to structure your Hangman program in a different way, feel free to redo this Problem Set in a different way. However, if you're new to programming, or at a loss of how to construct this program, we strongly suggest that you implement the next three helper functions before continuing on to Hangman Part 2.

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 - True if <code>secretWord</code> has been guessed (ie, all the letters of <code>secretWord</code> are in <code>lettersGuessed</code>) 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.

```
1 def isWordGuessed(secretWord, lettersGuessed):
 2
 3
      secretWord: string, the word the user is guessing
      lettersGuessed: list, what letters have been guessed so far
 5
      returns: boolean, True if all the letters of secretWord are in lettersGuessed;
        False otherwise
      111
 8
      # FILL IN YOUR CODE HERE...
 9
      newList = list(secretWord)
10
      flag = 0
11
      #print newList
12
      for x in newList:
13
          #print x
14
          for y in lettersGuessed:
15
              #print y
```

Correct

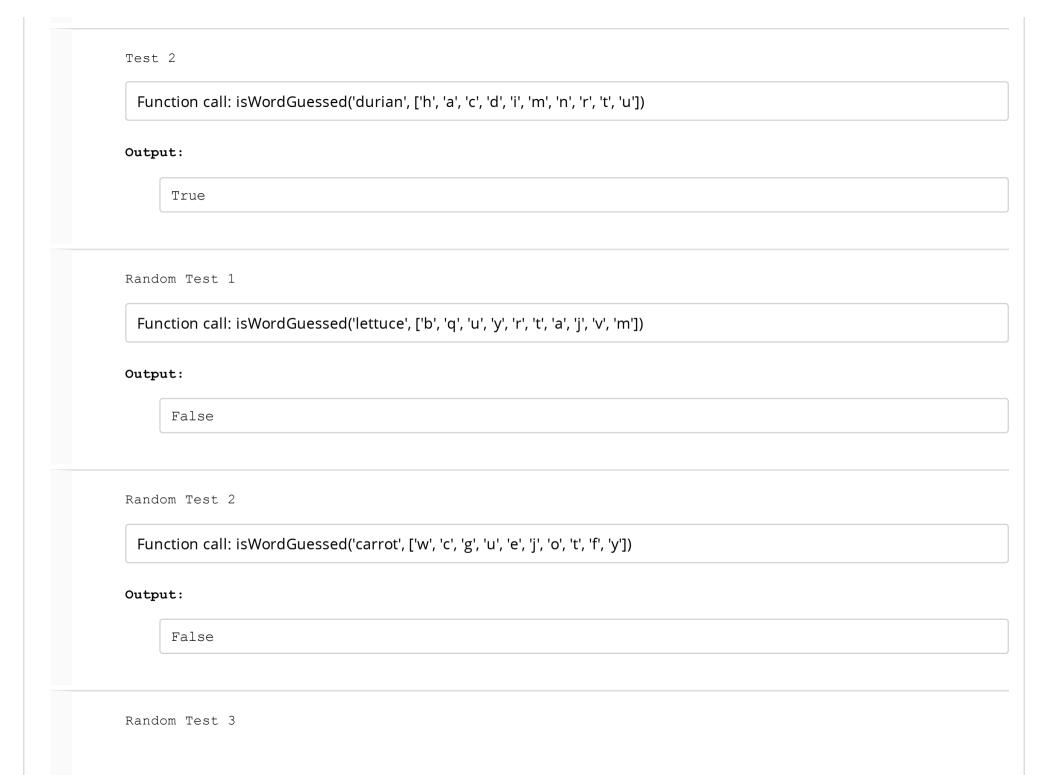
Test results

```
Test 1

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

Output:

False
```



	Function call: isWordGuessed('broccoli', []) Output:		
		False	
	Rando	om Test 4	
	Function call: isWordGuessed('grapefruit', ['z', 'x', 'q', 'g', 'r', 'a', 'p', 'e', 'f', 'r', 'u', 'i', 't']) Output:		
		True	
			Hide outp
Check	Save	You have used 3 of 30 submissions	



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



in LinkedIn



Q+ Google+