

[Courseware](#)[Updates & News](#)[Calendar](#)[Wiki](#)[Discussion](#)[Progress](#)

L4 PROBLEM 11 (5/5 points)

Define a function `isVowel12(char)` that returns True if `char` is a vowel ('a', 'e', 'i', 'o', or 'u'), and False otherwise. You can assume that `char` is a single letter of any case (ie, 'A' and 'a' are both valid).

This function is similar to the previous problem - but this time, **do** use the keyword `in`. Your function should take in a single string and return a boolean.

```
1 def isVowel2(char):
2     '''
3     char: a single letter of any case
4
5     returns: True if char is a vowel and False otherwise.
6     '''
7     if char in 'aeiouAEIOU':
8         return True
9     else:
10        return False
11
12
13 # A shorter solution
14 def isVowel2(char):
15     '''
16     char: a single letter of any case
```

Correct

```
def isVowel2(char):  
    '''  
    char: a single letter of any case  
  
    returns: True if char is a vowel and False otherwise.  
    '''  
    if char in 'aeiouAEIOU':  
        return True  
    else:  
        return False  
  
# A shorter solution  
def isVowel2(char):  
    '''  
    char: a single letter of any case  
  
    returns: True if char is a vowel and False otherwise.  
    '''  
    return char.lower() in 'aeiou'
```

Test results

CORRECT

[See full output](#)

[See full output](#)

Check

Hide Answer

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+](#)