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L4 PROBLEM 11 (5/5 points)

Define a function <code>isVowel2(char)</code> that returns True if <code>char</code> is a vowel ('a', 'e', 'i', 'o', or 'u'), and False otherwise. You can assume that <code>char</code> 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
      111
      char: a single letter of any case
      returns: True if char is a vowel and False otherwise.
      111
      if char in 'aeiouAEIOU':
          return True
      else:
10
          return False
11
12
13 # A shorter solution
14 def isVowel2(char):
15
      111
      chare 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

See full output

CORRECT

See full output

Check

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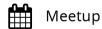
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