Topics:

Strings.

1.

As an exercise, write a function that takes a string as an argument and displays the letters
backward, one per line.

```
prefixes = ' JKLMNOPQ'
suffix = ' ack'
for letter in prefixes:
print(letter + suffix)
```
Of course, that's not quite right because "Ouack" and "Quack" are misspelled. As an
exercise, modify the program to fix this error.

Continuing this example, what do you think fruit[:] means? Try it and see.

2.

```
def find(word, letter):
index = 0
while index < len(word):
if word[index] == letter:
return index
index = index + 1
return -1
```
As an exercise, modify find so that it has a third parameter, the index in word where it
should start looking.

3.
```
word = ' banana'
count = 0
for letter in word:
if letter == ' a' :
count = count + 1
print(count)
```
As an exercise, encapsulate this code in a function named count, and generalize it so that
it accepts the string and the letter as arguments.
Then rewrite the function so that instead of traversing the string, it uses the threeparameter version of find from the previous section.

4.
8.1

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