







Task:

Complete the get_list_of_vowel_counts() function which returns a list of the <u>number of vowels</u> in <u>each</u> word in the parameter list.

```
def main():
 name_list = ["Mirabelle", "John", "Kelsey", ...]
 vowel_counts = get_list_of_vowel_counts(name_list)
 print(vowel_counts)
```

main()

• Examples:

- [4, 1, 2, 3, 4, 3, 4, 3, 1, 2, 3]
- Mirabelle : 4 vowels
- John: 1 vowel

```
▶ etc
```



```
main()
```

count = ____

return vowel counts

for letter in :

vowel counts += []

count += 1

if letter in "aeiouAEIOU":









What is the output after executing the following code?

```
def function_18(list1, list2):
list3 = list2
for i in range(len(list1)):
    list3.append(list1[i])
    list2.append(list1[i])
```

#print(" list3:", list3)

a list1 = [4, 3]a list2 = [1, 3, 4]function 18(a list1, a list2)

print(a list1, a list2)



🛃 Exercise 9

What is the output after executing the following code?

def function 19(list1, list2): list3 = []list3.append(list1[1]) list3.append(list1[0]) list2.append(list3[0]) list2.append(list3[1]) return list3

a list1 = [4, 3]a list2 = [1, 3, 4]a_list2 = function_19(a_list1, a_list2) print(a list1, a list2)

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- The body of loops can contain any kind of statements including other loops.
- Passing parameters which are mutable objects to functions means that the function code may change the object's data.