

question 1:

a. add blueberry to the end of the following list:

fruits=['apple', 'banana', 'pear', 'strawberry']

b. remove apple from the list

c. insert peach at index 3

d. sort the list in reversed alphabet order

e. change lowercase to uppercase for all the elements in the list, hint: use map function

question 2:

A "palindrome" is a word, phrase, or sequence that reads the same backwards as forwards.

Let's filter out words that are palindromes from a list of suspected palindromes.

L=['demigod', 'rewire', 'madam', 'freer', 'anutforajaroftuna', 'kiosk']

question 3:

we need to create a list of integers which specify the length of each word in a certain sentence, but only if the word is not the word "the", please use list comprehension to solve the problem

sentence = "the quick brown fox jumps over the lazy dog"

question 4:

Given a list iterate it and display numbers which are divisible by 5 and if we find number greater than 150 stop the loop iteration, please use for loop.

list1 = [12, 15, 32, 42, 55, 75, 122, 132, 150, 180, 200]

question 5:

when searching s in a, we can use break to exit the loop if s is found, otherwise return 'corge is not found in list', please use while loop.

a = ['foo', 'bar', 'baz', 'qux']

s = 'corge'