Question 1:

Create a Python list named colors containing the strings "red", "green", and "blue".

Question 2:

Using the colors list you just created (assume colors = ["red", "green", "blue"]),

write Python code to print the second element in the list.

Question 3:

Again, using the colors list, write Python code to add the color "yellow" to the end of the list.

Question 4:

You have a list of numbers: numbers = [10, 20, 30, 40].

Write Python code to insert the number 25 at the second position (index 1) in the list.

Question 5:

Given the list fruits = ["apple", "banana", "orange"],

write Python code to remove the element "banana" from the list.

Question 6:

You have a list items = [5, 10, 15, 20].

Write Python code to remove the last element from the list.

Question 7:

Given the list letters = ["a", "b", "c", "b", "d"],

write Python code to find the index of the first occurrence of the letter "b".

Question 8:

You have two lists: list1 = [1, 2, 3] and list2 = [4, 5, 6].

Write Python code to combine these two lists into a single list the syntax is (list1 + list2).

Question 9:

Given the list numbers = [5, 2, 8, 1, 9],

write Python code to sort this list in ascending order using sort() method.

Question 10:

Using the sorted numbers list from the previous question,

write Python code to reverse the order of the elements in the list using reverse().