Question 1:

a = [0,0,0,0,0]

a[0] = 10

a[-1]= 10

print(a)

Question 2:

a = [6,3,8,1,7]

print(a[::-1])

Question 3:

1. First we insert the purple in index 1
2. Then we Insert yellow in index 2
3. Then we perform title() function in element at index 3
4. Finally we insert green in index -1

Question 4:

fruits.count(“apple”) = 2

fruits.count(“strawberry”) = 0

fruits.index(“banana”) = 3

fruits.index(“banana”, 4) = 6

fruits.reverse() = [‘banana’,’apple’,’kiwi’,’bananan’,’pear’,’apple’,’orange’]

fruits.append(“grape”) = [‘banana’,’apple’,’kiwi’,’banana’,’pear’,’apple’,’orange’,’grape’]

fruits.sort() = [‘apple’,’apple’,’banana’,’grape’,’kiwi’,’orange’,’pear’]

fruits.pop() = [‘apple’,’apple’,’banana’,’grape’,’kiwi’,’orange’]

Question 5:

x = ['23', '54', '76','12','90']

for i in x:

print(i, end='|')

Question 6:

l = [1,3,6,7,0,9,0]

j = 0

for i in l:

if i == 0:

j += 1

else:

pass

print(j)

Question 7:

There is no output shown to user but each character will be stored in the list as an individual charecters.

Question 8:

p?r?a?c?t?i?c?e?

Question 9:

b = “Hello World”

a = list(b)

print(a) = [‘H’,’e’,’l’,’l’,’o’,’ ‘,’W’,’o’,’r’,’l’,’d’]

print(len(a)) = 11

print(a[1:11]) = [’e’,’l’,’l’,’o’,’ ‘,’W’,’o’,’r’,’l’,’d’]

print(a[-2,-5,-1]) = [‘l’,’r’,’o’,’W’]

print(a[::2]) = [‘H’,’l’,’o’,’W’,’r’,’d’]

print(a[:4]) = [‘H’,’e’,’l’,’l’,’o’]

print(a[4:]) = [’ ‘,’W’,’o’,’r’,’l’,’d’]

Question 10:

names = ['Mohammed','Ahmed','Abdullah','Moeen','Ali','Issa']

n = int(input("Least numberof Charecters: "))

for i in range(len(names):

l = len(names[i])

if n>= l:

print(names[i])

else:

pass