Ex.No : 7

Date :

**Aim:**

To write and run a python program for the given quiz.

**Program:**

primes =[2, 3, 5, 7, 11]

print(primes)

**[2, 3, 5, 7, 11]**

items =['cake', 'cookie', 'bread']  
total\_items =items +['biscuit', 'tart']  
 print(total\_items)

**['cake', 'cookie', 'bread', 'biscuit', 'tart']**

orders =['daisies', 'periwinkle']

orders.append('tulips')  
print(orders)  
**['daisies', 'periwinkle', 'tulips']**

owners\_names =['Jenny', 'Sam', 'Alexis']  
dogs\_names =['Elphonse', 'Dr. Doggy DDS', 'Carter']  
owners\_dogs =zip(owners\_names, dogs\_names)  
print(list(owners\_dogs))  
**[('Jenny', 'Elphonse'), ('Sam', 'Dr.Doggy DDS'), ('Alexis', 'Carter')**

items =[1, 2, 3, 4, 5, 6]  
print(items[:4])

**[1, 2, 3, 4]**print(items[2:])

**[3, 4, 5, 6]**

knapsack =[2, 4, 3, 7, 10]  
size =len(knapsack)  
print(size) #

**5**

cnt = knapsack.count(7)

**1**

exampleList =[4, 2, 1, 3]  
exampleList.sort()  
print(exampleList)  
**[1, 2, 3, 4]**

soups =['minestrone', 'lentil', 'pho', 'laksa']  
soups[-1]

**'laksa'**soups[-3:]

**'lentil', 'pho', 'laksa'**soups[:-2]

**'minestrone', 'lentil'**

**Result:**

Thus, the python program is executed for the given quiz and the output is obtained.