**Exercise No: 7**

**Date: 20.11.2020**

**Aim:** Fill the missing words

**Program:**

primes = [2, 3, 5, 7, 11]

print(primes)

# Output: [2, 3, 5, 7, 11]

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

# Output:['cake', 'cookie', 'bread', 'biscuit', 'tart']

orders = ['daisies', 'periwinkle']

orders.append('tulips')  
print(orders)  
# Result: ['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))  
# Result: [('Jenny', 'Elphonse'), ('Sam', 'Dr.Doggy DDS'), ('Alexis', 'Carter')

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

knapsack = [2, 4, 3, 7, 10]  
size = len(knapsack)  
print(size) # Output: 5

cnt = knapsack.count(7)

print(cnt) # Output: 1

exampleList = [4, 2, 1, 3]  
exampleList.sort()  
print(exampleList)  
# Output: [1, 2, 3, 4]

soups = ['minestrone', 'lentil', 'pho', 'laksa']  
soups[-1]   # output: 'laksa'  
soups[-3:]  # output: 'lentil', 'pho', 'laksa'  
soups[:-2]  # output: 'minestrone', 'lentil'

**Result:** The above program has been successfully verified.