**EXERCISE.NO:7**

**DATE:19/11/2020**

**AIM:**

*To get the output for the given code.*

**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)  
# OUTPUT: ['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))  
# OUTPUT: [('Jenny', 'Elphonse'), ('Sam', 'Dr.Doggy DDS'), ('Alexis', 'Carter')*

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

*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 output for the given code is found.*