EXERCISE: 7

DATE: 20/11/2020

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| primes = [2, 3, 5, 7, 11]  print(primes)  # Output: [2, 3, 5, 7, 11] |
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| 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]) #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 program has been executed and output is verified.