**Exercise No:7**

**Date:21/11/2020**

**Aim:**

To write and run a Python program to fill in the desired output.

**Program:**

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| --- |
| 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 program was executed successfully and the output was verified.