**Exercise No:7**

**Date:21-11-2020**

**Aim:**

**To predict the output for the python program.**

**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)**

**print(cnt) 1**

**exampleList = [4, 2, 1, 3]**

**exampleList.sort()**

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

**soups = ['minestrone', 'lentil', 'pho', 'laksa']**

**print (soups [-1]) laksa**

**print (soups [-3:]) ['lentil', 'pho', 'laksa']**

**print (soups [:-2]) ['minestrone', 'lentil,]**

**Link:**

[**http://103.53.53.18/mod/hvp/view.php?id=316**](http://103.53.53.18/mod/hvp/view.php?id=316)

**output:**

**Thus the output for given program is obtained.**