**Exercise No:7**

**Register No:1518102066**

**Date:21.11.20**

**Aim:** To predict the output of the given 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)

**Result:** Thus, the program is successfully executed and output is verified.