**Ex:** 7

**Date:** 22/11/2020

**Aim:**

To write and run the python program to solve the given questions and fill in the desired output

**Program:**

Fill in the missing words

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']**

**Result:**

Thus, running the python programs to obtain output for solving the given problem is done.