**Exercise No:** *7*

**Date:** 23.11.2020

**Reg No:** 1518102068

**Aim:**

To predict the output for the given python program.

**Program:**

Fill in the missing words

Checking mode

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) 4

cnt = knapsack.count(7)  
print(cnt) 3

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]) ['lentil', 'pho', 'laksa']

**Result:**

Thus the output of the program is verified