EX NO : 7

DATE : 19/11/2020

**Aim:**

To predict the output for 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', 'Sam', 'Alexis'),( 'Elphonse', 'Dr. Doggy DDS')]

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>

**Result:**

The above program has been successfully verified.