**EXERCISE NO:**  7 **REGISTER NO:** 1518102099

**DATE:** 19.11.2020

**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 output for the given program was obtained.

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