**Practical No: 3**

**Aim:** Write /execute simple ‘Python’ program: Calculate the Average of 1 Numbers in a Given List

**Course Outcome:** Write and execute simple ‘Python’ programs

**Theory:** The **Python Average** function is used to find the average of given numbers in a list. The formula to calculate average in Python is done by calculating the sum of the numbers in the list divided by the count of numbers in the list.

The Python average of list can be done in many ways listed below:

* Python Average by using the loop
* By using sum() and len() built-in average function in Python
* Using mean() function to calculate the average from the statistics module.
* Using mean() from numpy library

**Requirements:** Computer, Vs Code, Python 3.3.34.

**Flowchart:**

**Program:**

#Practical 3: Find the average of the given list

def Average(list):

    Sum = sum(list)

    Length = len(list)

    Avg = Sum/Length

    print('Average of given List is',Avg)

Percent = [93.4, 96.3, 97.5, 98.2, 89.2]

Name\_len = [1000,50020,6102,4515,121]

Average(Percent)

Average(Name\_len)

**Output/Result:**

Average of given List is 94.91999999999999

Average of given List is 12351.6

**Conclusion: hence, we have used the list to find the average.**