

# Day 7 Assignment

**Q1. Complete NB for map, filter and lambda.**

**Q2.**

Write a Python program to add the digits of a positive integer repeatedly until the result has a single digit.

**Input Format:**

The first line of the input contains a number n.

**Output:**

Print the resultant number

**Example:**

Input:

48

Output:

3

**Explanation:** If you add digits 4 and 8, you will get 12. Again adding 1 and 2 will give 3 which is a single digit and hence the answer.

Regards,

Dr. Darshan Ingle.