**DAY-3**

1. **You are given with a list of integer elements. Make a new list which will store square of elements of previous list.**
2. **From a list containing ints, strings and floats, make three lists to store them separately.**
3. **Print the pattern**

**1**

**1 2**

**1 2 3**

**1 2 3 4**

**1 2 3 4 5**

1. **Accept data in two 3\*3 matrix and calculate the sum of the matrices.**
2. **Write a Python program to check whether a given number is a narcissistic number or not**

**For example, 371 is a narcissistic number; it has three digits, and if we cube each digits 33 + 73 + 13 the sum is 371. Other 3-digit narcissistic numbers are  
153 = 13 + 53 + 33  
370 = 33 + 73 + 03  
407 = 43 + 03 + 73.  
There are also 4-digit narcissistic numbers, some of which are 1634, 8208, 9474 since  
1634 = 14+64+34+44  
8208 = 84+24+04+84  
9474 = 94+44+74+44**