**Data Structures and Algorithm | Jan 2021**

**Assignment 2 | 19th January 2021**

**Question 1**

Write a Python program to print even numbers in a list.

Sample:

Input: list1 = [12, 3, 55, 6, 144]

Output: [12, 6, 144]

Input: list2 = [2, 10, 9, 37]

Output: [2, 10]

**Answer**

list1= [4,5,45,32,78,90,76];

for i in list1:

if i%2==0:

print(i,'' ,end="")

**Question 2**

Write a program to print the following pattern

1

22

333

4444

55555

**Answer**

for i in range (1,6):

print(str(i)\*i)