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]

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

# iteration

for num in list1:

   # check

   if num % 2 == 0:

      print(num, end = " ")

list1 = [2,10,9,37]

# iteration

for num in list1:

   # check

   if num % 2 == 0:

      print(num, end = " ")

Question 2 Write a program to print the following pattern 1 22 333 4444 55555

rows = 5

for num in range(rows):

    for i in range(num):

        print(num, end=” “) # print number

    # line after each row to display pattern correctly

    print(” “)