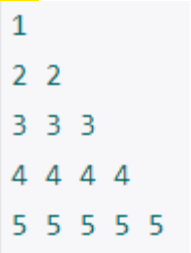


Software Development -2020  
sheet 2

1. Given a list of numbers, Iterate it and print only those numbers which are divisible of 5.
2. Create a list of a given length and write a specified number into it.
3. Counting the number of occurrences of a given character in a list of string.
4. Given a line item and a list of strings S . Find the position of occurrence of an element ,item, in S and display the entry positions. If the item element never appears in the list S , then display the message:Element , **item**, not in the list.
5. Write a program to find the roots of a quadratic equation.
6. Print the following pattern when n=5  


```
1
2 2
3 3 3
4 4 4 4
5 5 5 5 5
```
7. Reverse a given number and return true if it is the same as the original number.
8. Given a two list of ints create a third list such that should contain only odd numbers from the first list and even numbers from the second list.
9. Write a Python program to compute the sum of first n <= 10000, given prime numbers.
10. Write a Python Program for printing the Fibonacci numbers from 0 to n.