**DSC Workshop 19.4**

**Python Assignment.**

1 . Write a program in Python to produce Star triangle.

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2. Write a program to produce Fibonacci series in Python.

3. Write a program in Python to check if a number is prime.

4. Write a program in Python to check if a sequence is a Palindrome.

5. Write a program in Python to reverse a string without using inbuilt function reverse string?

6. Write a program to calculate number of upper case letters and number of lower case letters?

7. Implement Bubble sort , selection sort using python .