**DAY 1- JAVA BASICS – ASSIGNMENT PROBLEMS**

**1. Can you print below diagram?**

\*

\*\*\*

\*\*\*\*\*

\*\*\*\*\*\*\*

1. **Can you print first ‘10’ prime numbers?**
2. **Three Ways of specifying file directories**
3. **Please implement a function that accepts two string parameters say ‘Parameter1’ & ‘Parameter2’ and gives the output of the number of times the ‘Parameter1’ occurs in ‘Parameter2’**
4. **Given an array of integers, sort the integer values.**
5. **Given an array of integers, print only odd numbers.**
6. **Given an array of integers move all even numbers to the beginning of the array.**
7. **Print the unique numbers and also print the number of occurrences of duplicate numbers in a two-dimensional array.**
8. **Given an array of integers check the Fibonacci series.**
9. **Given an array of integers check the Palindrome of the series**
10. **Given a string print the unique words of the string.**
11. **Given a string print the reverse of the string.**
12. **Read a file content and write it to a new file in reverse order. (reverse line 1-10 to line 10-1)**
13. **Write a java program which provides API for database "select" and "Update" package MySQL;**