ASSIGNMENT 4

Python Exercise:

1.WAP to print the following series:

1 ,4,9,16,25,36…………….

2.WAP to print the Fibonacci Series until a defined limit.

3.WAP to count the number of vowels in a given word.

4.WAP to calculate the sum of digits of a number entered by user.

5.WAP to print date and time of your system.

6.WAP to calculate compound interest on a given principal amount.

7.WAP to count the number of spaces in a given sentence.

8.WAP to show only even digits from a given number.

9.WAP to swap the first and last digit of a number.

10.WAP to check whether a number is palindrome or not.

11.WAP to print the following pattern

\*.

\* \* \*

\* \* \* \* \*

12. Convert decimal number to hexadecimal number using print() output formatting.

13.WAP to accept any three string from one input() only.

14.WAP to print a sentence using string. Format() method.

15.WAP to read a file and print second line from the file.

16.WAP to display all prime numbers within a range of numbers.

17.WAP to print alternate alphabet from a given string.

18.WAP to print the count of alphabet ,digits and special character from a given sentence.

19.WAP to print the occurrence of a given substring in a string.

20.WAP to print the middle alphabet of a given string.