TASK SHEET:

1. Write a program that calculates and produces these two columns sequence numbers using the three looping statements:

Sequence Nos	Squared
1	1
2	4
3	9
4	16
5	25

2. Write a program which produces the given sequence numbers (in alternating arrangement and reverse order) using the three looping statements:

   5 , 1 , 4 , 2 , 3 , 3 , 2 , 4 , 1 , 5

3. Write a program to calculate the factorial value of the input number. Use the incrementation formula for your solution instead of decrementation formula. Apply the three looping statements for your solution.

   Enter a No   :   4

   Factorial value :   24

4. Write a program that reverses the input number. Formulate an equation to come up with the answer.

   Enter a number :   1238

   Reverse Number: 9321

5. Write a program that generates and displays the Fibonacci sequence numbers. In Fibonacci, the current third number is the sum of two previous numbers.

   Enter a Number :   9

   Fibonacci Series: 1 1 2 3 5 8 13 21 34