## **CCDI – ONLINE LEARNING MANAGEMENT SYSTEM**



## **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:

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

INTRODUCTION TO OOP	Date Developed:	COMPUTER COMMUNICATION DEVELOPMENT INSTITUTE
EDWARDO G. REYES, MIT	June 2020	Rizal St., Sorsogon City, 4700  (56) 421-55-75 E-mail: <a href="mailto:ccdisor@yahoo.com">ccdisor@yahoo.com</a>
		Page 1 of 1