

# Assignment 1

**Date: 01.03.2022**

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**Write Algorithm & Flowchart for the following programs.**

1. Check the given number is EVEN or ODD.
2. Write a Java Program to find the Factorial of given number.
3. Find the Factorial of a number using Recursion.
4. Swap two numbers without using third variable approach.
5. How to check the given number is Positive or Negative in Java?
6. Write a Java Program to find whether given number is Leap year or NOT?
7. Write a Java Program to Print 1 To 10 Without Using Loop.
8. Write a Java Program to print the digits of a Given Number.
9. Write a Java Program to print all the Factors of the Given number.
10. Write a Java Program to find sum of the digits of a given number.
11. Write a Java Program to find the smallest of 3 numbers (a,b,c)
12. How to add two numbers without using the arithmetic operators in Java?
13. Write a java program to Reverse a given number.
14. Write a Java Program to find GCD of two given numbers.
15. Write a java program to LCM of TWO given number.
16. Write a java program to LCM of TWO given number using Prime Factors method.
17. Check whether the Given Number is a Palindrome or NOT.
18. Write a Java Program to print all the Prime Factors of the Given Number.
19. To print the following series EVEN number Series 2 4 6 8 10 12 14 16 .....
20. To print the following series ODD number Series 1 3 5 7 9 11 13 ....