# Java Programs for Minor-1 Lab Exam

**General:**

1) Write a Java program to find the Smallest Number of given three numbers.
2) Write a Java program to print natural numbers up to given range.
3) Write a Java program to print factors of a given number.
4) Write a Java program to check whether the given number is Armstrong or not.
5) Write a Java program print prime numbers up to given range.
6) Write a Java program to print numbers that are divisible by a given number up to given range
7) Write a Java program to display Fibonacci series up to given range using functions:
   a) Without using recursion    b) Using recursion

**Mathematics:**

8) Write a Java program to calculate area of Tringle
9) Java Program to Find GCD or HCF of 2 numbers
10) Java Program to Calculate Compound Interest

**Patterns:**

11) Java Program to Print Right Triangle Star Pattern
12) Java Program to Print Left Triangle Star Pattern
13) Java Program to Print Pyramid Star Pattern
14) Java Program to Print Reverse Pyramid Star Pattern

**Java Classes and Object Programs**

15) Write a Java program to describe Usages of Super Keyword.
16) Write a Java program to prove java does not support multiple inheritance but can achieve
17) Write a Java program to Show Overloading of Methods in Class
18) Write a Java program to Overriding of Methods in Classes
19) Write a Java program to Use of Super Keyword in Class
20) Write a Java program to Show Use of This Keyword in Class
21) Write a Java program  to Show Usage of Static keyword in Class
22) Write a Java program to to Show Usage of Access Modifier.