**Problem Set 2:**

1. Java Program to find GCD or HCF of two numbers

# LCM of two numbers using Java

# Binary to decimal conversion using Java

# **Binary to Decimal to conversion**

# **Octal to Decimal conversion**

# **Hexadecimal to Decimal conversion**

# **Decimal to Binary conversion**

# **Decimal to Octal Conversion**

# **Decimal to Hexadecimal Conversion**

# **Binary to Octal conversion**

# **Octal to Binary conversion**

# **Quadrants in which a given coordinate lies**

# Permutations in which n people can occupy r seats in a classroom in java

# Maximum number of handshakes in java

# Add two fractions using Java

# **Replace all 0’s with 1 in a given integer**

# Can a number be expressed as a sum of two prime numbers using Java?

# **Calculate the area of a circle**

# **Find the prime numbers between 1 to 100**

# **Calculate the number of digits in an integer**

# **Convert digit/number to words**

# **Counting number of days in a given month of a year**

# **Finding Number of times x digit occurs in a given input**

# **Finding number of integers which has exactly x divisors**

# **Finding Roots of a quadratic equation**