**Object Oriented Programming in Java (Graded Lab 1)**

**Problem:**

Write a program to:

1. Calculate the gcd of two numbers.

2. Print the given pattern.

1

1 2

1 2 3

1 2 3 4

1 2 3 4 5

3. Print all the primes till 1000 but with only 8 primes in each line.

**Structure:**

3 different classes are made each having their separate main function.

**Input:**

1. The program expects the user to enter the two numbers.

2. The program expects the user to enter the number of rows till which the pattern is to be printed.

3. No input is required.

**Output:**

1. The program results in returning the GCD of the two numbers given as input.

2. The program displays the given pattern.

3. The program displays the primes in the desired format.