Lab 05 – JAVA Strings

1. Write a program with class **Student**. Every student record is made up of the following fields:
   1. Instance Variables
      1. Registration number (int)

// Year of joining 2012 + 80th student = regno = 1280

* + 1. Full Name (String)
    2. Date of Joining (Gregorian Calendar)
    3. Semester (short)
    4. GPA (float)
    5. CGPA (float)
  1. Member Functions
     1. Default + Parameterized Constructors
     2. display()
     3. Sort the student records with respect to semester, CGPA, and name
     4. List all students whose name starts with a particular character
     5. List all students names containing a particular sub string
     6. Shorten the full name to name with just initial and family name.

1. Write a program to convert strings containing numbers into comma-punctuated numbers, with a comma every third digit from the right.
2. Write a program to pull out all occurrences of a given substring present in the main string.
3. Write a program to find the number of occurrences of a given substring in another string.