Assignment

1. Create one program for ArrayList iterator
2. Create one program for LinkedList iterator
3. Create one program that demonstrate the use of comparator and comparable interface
4. Create a class named Course that have properties prefix, number, title and grade. Create a parameterized constructor. Create get methods for prefix, number, title and grade. Create set method for grade. Create and return a string representation of this course (have one toString method that displaying all data in one string i.e. prefix, number, title, grade) Save this file as Course.java

Create a class named ProgramofStudy.Create a linkList for Course. Add a method named addCourse that adds a specified course to the Course list. Create a method find() that find and returns the matching course with specified prefix and number. Create and return a string representation of this ProgramofStudy . Save your file as ProgramofStudy.java.

Create a class POSTester that have main method.It creates and populate a Program of Study. Add few intial courses and output all the inserted courses. Save this file as POSTester.java