Assignment #32

Sorting Players

Write a Java program to read the player information from text file **(input.txt)** and order the player details based on the cap number and write into another file **(output.csv)** in the same format as the input file.

Input File Format:

<cap number>,<name>,<skill>,<country>,<matches played>

eg:
251,Dhoni,AllRounder,India,443

Create a main class " **Main**. **java**"

Create **Player** class with below attributes,

- capNumber - Integer
- playerName - String
- skill - String
- country - String
- matchesPlayed - Integer

Add appropriate getter and setter methods

Create Player constructor with argument capNumber,playerName, skill, country and matchesPlayed

Create **FileUtility** class to read the information from input.txt file and return the list of player objects

- **List<Player> readFileData(BufferedReader)** - Reads the input file (CSV) parse the information and construct Player objects and return the list of players.
- **void writeDataToFile(List<Player> playerList)** - Write all the players from the player list to the output file after in the same format as the input. Player details string in the CSV format is returned by **toString()** method.

The program generates the output file and no console output is produced by the system.