1. Write a java program to read details of n students and do the following
   1. Create Student POJO class to store id, name and city
   2. Create a business object to class for the student to do the following
      1. Read student
      2. Display student
      3. Display all the student belong to a particular city
      4. Display name wise sorted
      5. Display city wise sorted.
      6. Display student details for a given id handle student not found exception

**Programming with Java**

**Evaluation Criteria**

• Does the Java code provide an accurate and complete solution for the stated requirements?

• Are sound object-oriented principles used in the Java code?

• Java Code best practices followed?

**Assessment Scenario**

MyDocs is an online document sharing application. The user’s needs to login with their username and password to use the services of the application. MyDocs team has approached you to create the login module for the application.

The users must login through a login form (create main app which will take login details through standard I/O). If login is success then print a greeting message “Hello <user>” where <user> is the username entered by the user. The user name/password should exist in the database(you can use arrays to store data) for successfully login into the application

If the username/password is incorrect the user should display to error message with the error message “username (or) password is incorrect”.

Once user is logged in and have role of admin then user should access the list of users and able to display sorted list on console.

# Tasks:

Define the Java classes that are required to implement the functionality that is described above. Be sure to use sound object-oriented principles in your Java code. Follow the layered architecture concepts in your code.