**Assignment**

**\*NOTE: Submitted code without any compilation error\***

**Solve the below problem statements in Java: (use collections where ever it is necessary)**

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 all student
      2. Display student on the basis of given student id
      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

**Problem Statement: Simple Java Coding Exercise**

Create below Java project

1. Create a class Number with below methods.
2. Methods are
   1. Int checkPrime(int x)
   2. Boolean checkAmstrong(int x)
   3. Boolean CheckPolindrom(int x)
3. Create a class Employee POJO which has id, name, and city
4. Create a class AddEmployee which has a method
   1. List<Employee> list = new ArrayList()// this is to store the empoyees
   2. Void AddEmployee(Employee emp); // this method will add a new employee
   3. Employee getEmployee(int id)// will return the employee base on the id if the employee is available else returns null.