Assignment #1

1. Write a JavaBean called Student with the following properties
   1. id
   2. firstName
   3. lastName
2. Write a JavaBean called Teacher with the following properties
   1. id
   2. firstName
   3. lastName
   4. array of Students
3. Write a test driver that will
   1. create 100 random students
   2. 5 random teachers
   3. Randomly assign 25 students to each teacher
4. In the same test driver, create a method called printTeachers (note plural) which will print out all the properties of the Teachers. Note that printing a teacher will also print out his students.

Notes:

1. Comments – what about them ?? Add them to your code ;)
2. Package(s) – use them
3. Override the toString method for Student and Teacher
4. I’ll leave it to you to decide what kind of random algorithm you choose to generate than students and teachers Sample Output:

[Teacher, A00788076, Henry, Chan]

[Student, xxx, yyy, zzz]

[Student, xxx, yyy, zzz]

[Student, xxx, yyy, zzz]

[Teacher, A00788075, Foo, Bar]

[Student, xxx, yyy, zzz]

[Student, xxx, yyy, zzz]

[Student, xxx, yyy, zzz]