Assignment #2

1. Create a new package
   1. Call it ca.bcit.comp2613.<your project in lowercase>
   2. Make sure you read the instructions for a) above … hint: lowercase
   3. This is where your main driver class should go
2. Create a new package it ca.bcit.comp2613.<your project>.model
   1. The subpackage model is where your model classes will belong
3. Implement the model Classes you wrote in Assignment1, adding in the necessary attributes and add them to your model package. Think of your model package as where all the POJO (Plain Old Java Objects) go which represent the data tier
   1. NOTE: each model class MUST have a field called “id” The type of “id” could be String, Integer or Long.
4. Override the toString method in the above model classes
5. Create an util package
   1. Call it ca.bcit.comp2613.<your bcit id in lowercase>.util
   2. In your util package, add a helper class that will
      1. Create random instances of one or both of your classes (i.e. create 100 Teachers and 100 Students if Student and Teacher are your classes) … optional provide a param to number of instances to create
   3. Modify the above helper class with findXXX methods
   4. i.e. public ArrayList<Teacher> findTeacherByFirstName(firstName)
   5. Create another find method that uses regex
   6. Optional create a few more finder methods
6. Write a TestDriver class (with a main method of course) that will
   1. create random instances (say between 100 to 200) of each of your data classes
   2. find instances in the above based on some sort of criteria, i.e. exact match, regex. Provide at least 2 find
7. Commit your code in Git (master branch please)
8. Update your proposal.txt in Assignment (OPTIONAL)