Assignment #2

1. Create a new package
   1. Call it ca.bcit.comp2613.<your bcit id in lowercase>
   2. i.e. ca.bcit.comp2613.a00788076
   3. This is where your main driver class should go
2. Create a new package it ca.bcit.comp2613.<your bcit id in lowercase>.mdel
3. Implement the data Classes you wrote in Assignment2, 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
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 CreateHelper 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)
   3. Create a FindHelper that will create have method(s) that will find all the XXX attributes in class YYY. i.e. public ArrayList<Teacher> findTeacherByFirstName(firstName)
   4. Create another find method that uses regex
6. Write a Test Driver (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), and send me the URL via D2L’s dropbox. I prefer you to \*not\* a different repository than in assignment 1. All subsequent assignments will be updates to the same Git repository.
8. Update your proposal.txt in Assignment (OPTIONAL)