COMP 1409 Lab 1-a (2 points)

In-class lab

<u>Work with a partner</u>. For this lab you will begin to create a class called Student. Here are the attributes of a student that we are concerned with for the purpose of this project:
- first name
- last name
- student number, e.g. A00012345
- email address
- number of courses completed
- grade, e.g. 78.5
- is the student in good standing? true or false

Choose appropriate data types and descriptive names for the fields (instance variables), and declare them. Be sure to specify that they are private.

Write a constructor for this class. The constructor will expect all the information to be passed in as parameters. Choose descriptive names for the parameters but remember that they cannot be the same as the field names. Use the parameters to initialize the fields.

Test your project by creating a Student object. Use the BlueJ inspector to check the contents of the fields.

Be sure both partners have a copy of the completed project.

Demonstrate your completed project to your instructor or TA before leaving the lab and be sure we have checked it off for <u>each member</u> of the team. A suggested solution will be given during the next class and labs that have not been checked off will not receive any points.

If you run out of time or have to miss class is is your responsibility to do the lab at home and submit it to the appropriate D2L dropbox <u>before next class</u>.