**CIS 163 Lab 1**

**Welcome to CIS163.**

**Preparation**

Do the following before arriving at lab:

* Read Chapters 1 - 5

**Objectives**

After completing this lab, you should be able to:

* *Use Eclipse for your IDE, create projects, packages and classes*
* *Print to the DataCom printer*
* *Write a simple Java program using Eclipse*
* Use Eclipse’s Debugger
* Run your Java program in Eclipse

**Lab Activity**

**Activate your Linux account with the help of the network administrator (30 mins).**

**After all the Linux accounts, have been created:**

Watch the instructor demonstrate Eclipse. (20 mins)

**Your task: (50 mins)**

Create a project, package and copy in the Lock and DriverLock classes into Eclipse.

Download, install and run the programs found in Week1 on BB.

Validate and run the DriverLock program.

Print both classes.

Download, install and run the programs found in Week1 on BB.

Get ready for Project 1.

Create all the properties

Create all the method headers.

**Extra activities**

Download and install the **JRE** and **Eclipse**, if you have your laptop available.

Attempt to run the debugger on Eclipse;

**Grading Criteria**

This lab is worth a possible 100 points. **At** the end of the lab period, the instructor will validate that you have completed the lab.