Object Oriented Development

# I/O Exercise

# What does this exercise cover?

# This exercise asks you to practice using Java’s I/O API.

# How long will the exercise take to complete?

# 1 hour

# What should you have already completed?

Java I/O Lecture

# What do you need?

In order to complete this tutorial exercise you will need:

* Java Development Kit 1.6 or above
* Apache Maven
* Eclipse IDE Kepler or above
* GitLab

1. Write a method that counts the number of times a particular character, such as e, appears in a file. The character and the filename can be specified as method arguments. You can use any sample input file.

1. Write a small program to register a new user of a system. Your program should prompt the user for pertinent information such as name, address, email etc. (Hint: this can be done using the Scanner class in Java.) Then this information should be appended to a text file. Fields should be separated by *commas*. Each line in the file should be a record for a different user.
2. After completing part 2, attempt to read the text file and populate User objects with the correct information. You should end up with a collection of User objects.