

# CMSI 186

## PROGRAMMING LABORATORY

Spring 2008

### Assignment Submission Specification

Adherence to specifications is an important (and perhaps underrated) element of day-to-day computing: it facilitates standardization, automation, and interoperability. Since one of this course's main goals is to sharpen your skill set as programmers, you are asked to "package" your assignment deliverables in the following, standardized manner. Adherence to these standards *does* affect the final grade that your assignment submission receives.

#### Filename and Format

Submissions are to be formatted as a *.zip* archive with the following filename, completely in lower-case characters:

*programnumber-yourlastname.zip*

The underlined segments should be replaced with specific information pertaining to the assignment and, of course, yourself. For example, if you are submitting your work for problem 3 and your last name is Murray, then your submission should be named *program3-murray.zip*.

#### File Structure

The content of the *.zip* file will be a directory structure consisting of your Java source code and your formal lab report. The general outline of this structure is as follows:

```
programnumber-yourlastname/
  lab-report.txt
  src/
    main/
      java/
        package1/
          SourceCode1.java
          SourceCode2.java
        package2/
          SourceCode3.java
```

For example, Murray's work for problem 3 should be placed in a directory named *program3-murray*. Immediately within this directory is his or her lab report, stored as a plain text file named *lab-report.txt*. Also within this directory is a directory chain *src/main/java*, under which reside all source files for the assignment, structured according to the Java convention for packages.

#### Recommended Tools

Within the Linux-based Keck Lab computing environment, the following command-line tools are available for assembling assignments according to these specifications:

<i>cd</i>	Sets the "current directory"
<i>mkdir</i>	Creates new directories
<i>nano</i>	Creates and edits plain text files
<i>zip</i>	Creates a <i>.zip</i> archive from a set of files

To create a *.zip* file from a given directory, type:

```
zip -r zipfilename directoryname
```

For example, when Murray is ready to submit his or her *program3-murray* directory, the appropriate *.zip* archive can be created using this command:

```
zip -r program3-murray program3-murray
```

#### Submission Mechanism

Most of the time, you will be asked to e-mail the *.zip* archive to my LMU address, *dondi@lmu.edu*.

1. Create an e-mail with subject line "CMSI 186 *yourLastName*" (e.g., "CMSI 186 Murray").
2. Attach the *.zip* file to the message.
3. You may submit early; you may add to or improve what you have submitted by sending additional e-mail. The most recent submission prior to the deadline is used for grading.
4. Use the body of the e-mail for any comments or questions outside of your formal lab report.
5. Send the e-mail to *dondi@lmu.edu*.

If a different submission mechanism is desired for a particular assignment, complete instructions will be given at that time.