CSC207 Introduction to Software Design
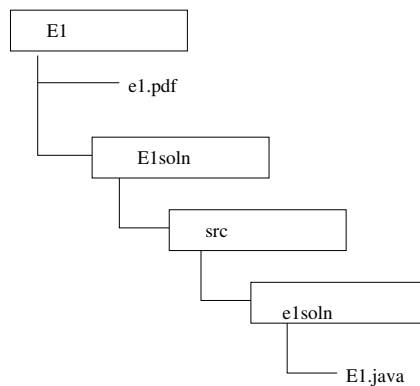# Winter 2015 − Exercise 1

1   Logistics

- **Due date:** 9:00pm Tuesday 20 January 2015

- **Group size:** Individual

- **Topics:** Subversion, Java

For the rules and procedures for the exercises, including how to submit, please see the Exercises page of the course website.

2   What to do for this exercise

1. Write a Java program `E1.java` that obeys the specifications below. It must be in project `E1soln`, in package `e1soln`.

2. To submit your work, commit `E1soln`, `src`, `e1soln`, and `E1.java` under the existing directory `E1`. The resulting directory structure should look like this:

```
E1
    e1.pdf
    E1soln
        src
            e1soln
                E1.java
```

Do **not** commit the files and directories generated by Eclipse, such as `bin`, `.project`, etc.

The command `svn add` has a `-N` option that adds directories non-recursively. That is, it adds the directory but not its contents. For example, from within the directory `E1`, to add the directory `E1soln` but not its contents, you can issue this command:

```
svn add -N E1soln
```

From within the directory `E1soln`, you can then add the directory `src`, with its contents.

Alternatively, you can tell subversion to ignore certain files or directories by setting the `svn:ignore` property. Read `http://svnbook.red-bean.com/en/1.7/svn.advanced.props.special.ignore.html` for more information.

3 Specifications for E1.java

When the user runs E1 your program must print one line on the standard output (using System.out.println). The line must contain your CDF username.

The output line may contain other information as well as your CDF username, but the username must appear at least once in the line, and there must be exactly one line.

For example, if Grace Hopper, a famous computer scientist, had the username c4hopper, and she were submitting E1.java, then her output might for full marks be like this:

```
My account is c4hopper.
```

However, she would not get full marks for the following output, because it is two lines long:

```
My account is
*** c4hopper ***.
```

Other mistakes are possible, of course, and we will not try to list them all here.

4 Marking

The mark for a correctly named file that compiles and runs, producing the correct output and passing all tests, is 1 mark.

If you submit a file with the correct name, but it is not in the correct directory, or does not compile, or does not belong to the correct package, or does not run, or does not produce the correct output, or does not pass all tests, the solution will receive 0 marks.

5 Checklist

Have you. . .

- tested your code on the lab computers?
- committed the correct file in the correct directory?
- verified that your changes were committed using svn list and svn status?
- checked the pre-marking results, made any necessary changes, and re-committed if necessary?