### Exercise One – String Output

Using Netbeans, write a Java program/class called Quoter in package assignment1 that will print out the following (single line) message exactly (including spaces and final newline):

: Whale:, .,. Song ---- ;

Line reads:  
ColonSpace**Whale**ColonCommaSpaceSpaceSpaceDotDotDotSpace**Song**SpaceDashCommaDashDashSpaceSemiColon

Your program should be well commented and show:

* the author (your student ID/number)
* program creation date
* program version number

### Exercise Two - Correcting Syntax Errors

File CorrectMe.java contains a simple Java program that contains a number of syntax errors.

* Right click on the link above and save the program (save into Netbeans, package assignment1)
* Study the code.
* Compile the program and correct the first error shown..
* Repeat the compile-correct cycle until no errors remain.
* When the program compiles cleanly, run it.

The output from your corrected program must be **identical** to these 4 lines (don't forget the final newline):

!!!!!!!!!!!!!!!!--!!!!!!!!!!!!!!!!!!!!!!!!!

This program had problems, but I fixed them.

\*\*\* Hurray! \*\*\*

!!!!!!!!!!!!!!!!--!!!!!!!!!!!!!!!!!!!!!!!!!

### Exercise three – I/O and Casting

Write a Java program called Casting in package assignment1 which requests and reads in 2 numbers as data type double. Both numbers are then cast to integers. It then outputs the result of the second integer divided by the first integer. It then converts both integers to data type double and outputs the result of the second divided by the first. Use the default format for the number output. The program output must be:

Enter number 1: ??

Enter number 2: ??

Integer result = ??

Double result = ??

Where the ?? represents numbers, for example:

Enter number 1: 5.2

Enter number 2: 16.8093

Integer result = 3

Double result = 3.2

### Exercise four – Escape Sequences

Write a Java program called Picky in package assignment1 which outputs this single line string EXACTLY:

What! Leaning \\toothpick syndrome\\? That sounds "nasty"