07.02 Assignment Instructions

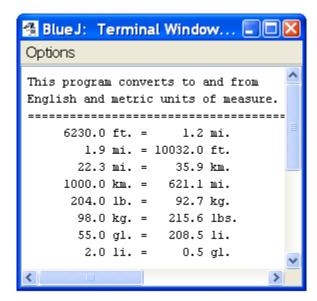
Instructions: Write a program to convert to and from English and metric units of measurement. This program should be written with methods for each conversion.

- 1. If the 7.02 Declaring Static Methods project has not yet been created in the Mod07 Assignments folder, please do so now.
- 2. A partially completed program (Measurement Converter V2.java) was provided to help you get started. If you did not download it previously, do so now.



- 3. Read the comments in the program to guide you through the process.
- 4. Open the file and examine the source code. Start at the main method and complete each conversion, one at a time. Use the conversion factors from the MeasurementConverterV1 program.
- 5. Do not be overwhelmed by all of the comments, they are there for a reason. They will guide you through every step of the process.
- 6. Use completed statements as models for the new statements that you write.
- 7. Add two more unit conversions of your choice that were not in the original program.

Expected Output: When the program runs correctly, the output will resemble the following screen shot and include your two new conversions.



Assessment: Your assignment will be graded according to the following rubric.

Grading Rubric	Pts
Comments include name, date, and purpose of program.	1
Methods documented with comments.	1
Method headers correctly written.	4
Individual static methods invoked from main() method.	3
All calculations correct.	2
Arguments and parameters correspond.	1
Output formatted with printf().	1
No compiler or runtime errors.	1
Thoughtful PMR included.	1

Submission: Submit the MeasurementConverterV2.java file as Assignment 07.02 for a grade.