2.1: Fractional Mode

Write a program to read fractions from the user and then display them back, both in fractional and in decimal form. Square the fraction and then display it in both ways. It should generate output such as the following:

Numerator: 5
Denominator: 3
You entered: 5/3 (1.666666)
Squared is: 25/9 (2.777777)
Thank you.

Comment it appropriately. Compile it and test it. When you have it working, ask the Instructor or TA to check you off. If you finish quickly, try to help those around you.

2.2: Which Is Bigger?

Write an algorithm for a program that reads two integers from the user, and tells the user which one is large by displaying one of the following messages:

- The FIRST is larger.
- The SECOND is larger.
- They are EQUAL.

Show the algorithm to the Instructor or the TA. Write the program. Did you have to change your algorithm? If so, how?

2.3: An English Number

Write a program that reads an integer from the user and displays it in English, i.e. if the user enters 0, print ZERO. Handle the integers from 0 through 5. Use a switch statement. All other numbers should produce an appropriate error message.