**CMSC 206: Data Structures**

**Parsing**

Write a method with the following description:

/\*\* Converts a String to a long. The String contains a number

\* with commas every three digits, counting from the right.

\* (This format is the standard use of commas in the US for

\* large numbers.)

\*

\* @param str the input string of digits and commas

\* @return the long parsed from the String

\*/

public static long parseNumber(String str)

Write your method in *two* different ways (get one working first, and then write the second):

1. Using the split method from the String class.
2. Using a Scanner and its useDelimiter method. Note that one constructor of Scanner takes a String to use as the Scanner's input.

Test your method by writing a main that prints out the result of parsing several test strings.