Recall the modes lab from 9-3:

The mode of a list of numbers is the number listed most often. Write a program that takes 10 numbers as input and displays the mode(s) of these numbers. Your program should have a method that takes an array of numbers as a parameter and return the value(s) that appears most often in the array.

This program is much better suited to use an ArrayList to store the mode(s), because there may be more than one.

Rewrite the program to accept the input from a file. The number of elements in the file may not be known at compile time, so read the values into an ArrayList.

Then change the method that finds the modes to return an ArrayList of numbers, since we need a container to store the modes as we find them but do not know how many there will be until we find them all.