CIS 15 Spring 2010 Lab VI.3

1. Using an STL container
   - Create an instance of a `vector` that holds integers.
   - Read in numbers from the keyboard and add them to the vector.
   - Print out the contents of the vector using an iterator.

2. A function with an STL container argument.
   - Write a recursive function that sums up the elements in a vector.
   - As a hint, the base case will involve an empty vector.

3. Another function.
   - Write a recursive function that computes the average of the elements in a vector.
   - To do this you simultaneously need to sum the elements and count the number of elements.
   - You can return several values from a function by packaging them into a `struct`.