

Stream Iterators Exercises

- What is meant by a stream iterator?
- Which stream iterators are provided by the C++ Standard Library?

- Describe how to create an instance of an ostream iterator
- Describe how to use an instance of an ostream iterator
- Write a simple program that uses an ostream iterator to display a series of numbers, separated by commas

- Describe how to create an instance of an istream iterator
- Describe how to use an instance of an istream iterator
- Write a simple program that uses an istream iterator to read in a series of numbers from the keyboard into a vector and print out the contents of the vector

- Alter the program you wrote in the last exercise, so that it uses an insert iterator to populate the vector

- Make a copy of the final version of the refrigerator class and overloaded << operator from “Printing Out Class Member Data Exercises”
- Rewrite the program to use output iterators to display the refrigerator data and save its state to file