Chapter 6

Lists Plus

After studying this chapter, you should be able to

* Use the C++ template mechanism for defining generic data types
* Implement a circular linked list
* Implement a linked list with a header node, a trailer node, or both
* Implement a doubly linked list
* Distinguish between shallow copying and deep copying
* Overload C++ operators
* Implement a linked list as an array of records
* Implement dynamic binding with virtual functions
* Use the C++11 range-based for loop
* Implement iterators with the C++11 range-based for loop