**Algorithms**

Algorithms are used to process the elements of collections. For example, algorithms can search, sort, modify, or simply use the elements for various purposes.

Algorithms are not member functions of the container classes but instead are global functions that operate with iterators. This has an important advantage: Instead of each algorithm being implemented for each container type, all are implemented only once for any container type. The algorithm might even operate on elements of different container types. You can also use the algorithms for user defined container types.

# END