

Sorting Algorithms Solutions

sort()

- Write a simple program which uses the sort() algorithm
- Write a simple program which uses the sort() algorithm with a predicate
- What happens to elements which have equal values?
 - The elements will be placed in the appropriate place in the result
 - However, they may be in a different relative order from the original
- Write a simple program which addresses this issue

is_sorted()

- Briefly describe the `std::is_sorted()` algorithm function
 - `std::is_sorted()` returns a Boolean, depending on whether the given iterator range is already in order

is_sorted_until()

- Briefly describe the `std::is_sorted_until()` algorithm function
 - `std::is_sorted_until()` returns an iterator to the first element which is not in order