

Algorithms with _if versions Solutions

Algorithms with _if versions

- What is the difference between `find()` and `find_if()`?
 - `find` returns an iterator to the first element with a given value
 - `find_if` returns an iterator to the first element for which a predicate returns true
- What arguments does `find_if()` take?
 - Iterator range, plus a predicate function

Predicate Functor for find_if()

- Write a program which creates a vector of strings and displays the first element which contains more than 5 characters
 - Using a loop
 - Using a call to a standard algorithm function
- Generalize your second program so it displays the first element which has more than a given number of characters

find_if_not()

- Write a program which creates a vector of strings and displays the first element which contains no more than 5 characters