

Transform Algorithm Solutions

transform()

- What does transform() do?
 - transform() calls a function on every element in an iterator range and stores the result in a destination
- What arguments does transform() take?
 - The iterator range to be processed, an iterator into the destination and the predicate function
- Write a simple program that uses transform()
- Write the equivalent code without using transform()

Overload of transform()

- What does the overloaded version of transform() do?
 - In the overload of transform(), the function is called on pairs of elements from two iterator ranges
- What arguments does this version of transform() take?
 - The first iterator range, the start of the second iterator range, an iterator into the destination and the function to be called
- Write a simple program that uses the overloaded version of transform()
- Write the equivalent code without using transform()

Case-insensitive string comparison

- Use `transform()` to implement the `equal_strings()` function from previous videos