

# Transformational Algorithms

## Exercises

## `for_each()`

- What does `for_each()` do?
- What arguments does `for_each()` take?
- Convert the sample code into a full working program
- Write the equivalent code without using `for_each()`

## for\_each() versus for loops

- What are the advantages of using `for_each()` instead of a traditional for loop?

## for\_each() versus for loops

- What are the advantages of using `for_each()` instead of a range for loop?

## transform()

- What does transform() do?
- What arguments does transform() take?
- Convert the sample code into a full working program
- Write the equivalent code without using transform()

## Overload of transform()

- What does the overloaded version of transform() do?
- What arguments does this version of transform() take?
- Convert the sample code into a full working program
- Write the equivalent code without using transform()