

# If Statements in C++17

## Solutions

# Initializer in if Statement

- What does it mean to have an initializer in an if statement?
  - We can declare an initialized variable in an if statement
  - The variable exists only in the scope of the if statement
  - Similar to an initializer in a for loop
- Write a simple program that uses an initializer in an if statement

# Initializer in if Statement and Containers

- Write a simple program that
  - Inserts an element into a container which has unique elements
  - Uses an initializer in an if statement to check whether the insertion succeeded

# Initializer in if and Structured Binding

- Modify your solution from the last exercise to use a structured binding in the if statement initializer