

# Less-than Operator Exercises

# Less-than Operator Summary

- What is the prototype of the less-than operator?
- How is it invoked?

# Standard Library and < Operator

- Why is the less-than operator important?

# Constraints on Less-than Operator

- What factors should be considered when implementing a less-than operator?

# Adding a Less-than Operator

- Implement a simple class with a less-than operator
- Write a program to test your class

# Sorting a vector

- Write down an expression that will sort all the elements of a vector "names" in ascending order
- Which include file is needed for this?
- How is the resulting order of the elements determined?

# Sorting a vector

- Write a program which creates a vector of strings, sorts it and prints out the resulting vector
- What result do you expect?
- Write a similar program, but this time use the class you wrote in the previous exercise as the element type