

# Library-defined Operators Exercises

# Library-defined operator objects

- Explain what the following code represents

`std::less<T>`

- Which header file is `std::less` defined in?

# Default template argument

- Using the techniques in this lecture
  - Write a non-member function
  - The function compares its first two arguments and returns the result
  - The comparison will use a callable function object which is passed as the third argument
  - If no function object is passed, use the < operator of the data members instead
  - (Similar to STL algorithms like `std::sort`)
  - Write a program and test your class