

STAT40780 Data Programming with C (online)

Lab Sheet 6

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This week's lab requires you to do some reading, and to modify a C++ class definition.

1 Read up on C++ container classes

The following webpage discusses container classes in C++ and defines a simple array container class. Examine and become familiar with the source code.

<http://www.learncpp.com/cpp-tutorial/104-container-classes/>

I will also include a pdf of the tutorial on Blackboard.

2 Modify the container class

The second task for this week is to modify the array container class defined in the tutorial above. The modified class definition should include a function **minArray** that finds the minimum value in the array, and prints the minimum value as “The minimum value of the array is ...”.

You will also need to modify the **main()** function so that it calls the **minArray** function. Use **endl** to move the next output to a new line.