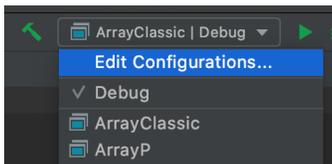


1. Study Nguyen, Chapter 2.1, 2.2.

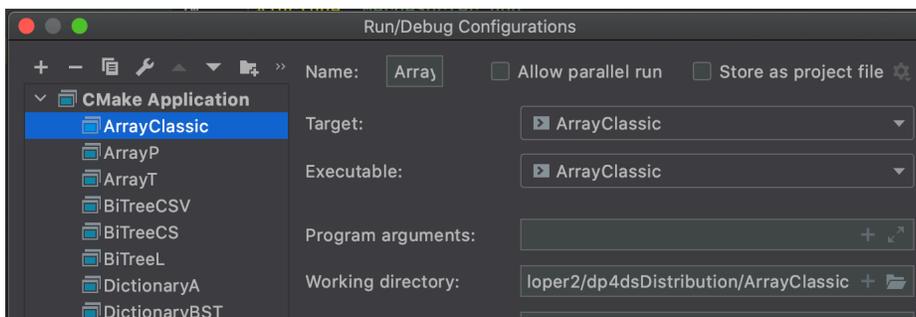
2. Do Nguyen, Exercise 2–1.

There is a file named `numbers.txt` you can use to test the main program to see that it works in both cases—number of values in the file greater than the capacity of the array, and less than. Then, remove the comment characters `//` and do the experiment.

The `dp4dsDistribution` has the data file in the `ArrayClassic` distribution folder. When a C++ program opens a data file for input, it expects the file to be in the current working directory. The default working directory for the CLion IDE is the directory `cmake-build-debug`. Therefore, before you run the program you should change the working directory for the `ArrayClassic` project. In the Configurations dropdown menu next to the build hammer icon, select `Edit Configurations`.



In the Run/Debug Configurations window, click the Browse icon for Working directory and navigate to the `ArrayClassic` directory in your `dp4dsDistribution`. Be sure to click the Apply button at the bottom of the window.



This same procedure must be followed for all projects that take their input from a text file.

Do not hand in a program with this exercise. Write your results in a text editor or word processor and export it as a pdf file named

`a02written.pdf`

Hand in the eight files electronically with your two-digit course ID number prefixed to the file. For example, if your two-digit ID number is 89, hand in the file named

`89a02written.pdf`

3. Do Nguyen, Exercise 2–2.

There is a file named `numbers.txt` you can use to test the main program. Test the program to see that it works in both cases—number of values in the file greater than the capacity of the array, and less than. Then, remove the comment characters `//` and do the experiment. Explain the difference between the result for this exercise and Exercise 2–1.

Do not hand in a program with this exercise. Simply write your results in the same `a02written.pdf` file.