

# AMS 562 Homework 4

Due: Monday, 11/16, 11:59 pm

## Your task is:

Starting with the header file `array.hpp`, implement the corresponding constructors, destructor, and member functions of the `Array` class. You **must** put your implementations into a separated source file, i.e. `array.cpp`. In addition, you need to write a test program that tests all constructors and member functions that are declared in `array.hpp`. **Optionally**, try to write a `Makefile` file so that people can easily compile/test/clean your program. (Write a `README.txt` that tells the user how to start!)

## Hints:

1. Our `ComplexNumber` example is a great starting point; play around with the Jupyter-notebook and/or the zip file that contains the header, source, and main program files.
2. Be careful of dynamical memory allocation and deallocation for arrays.