

University of Pittsburgh
Department of Electrical and Computer Engineering
ECE 0302: Data Structures and Algorithms

In-Class Exercise 5: Ordered List Array List

Instructions: Implement the ordered list ADT using a resizable dynamic array.

1. Download the starter code.
2. `abstract_list.hpp` has the Abstract interface that the array-based implementation you are going to build would be inherited from.
4. `array_list.hpp` has the methods declaration of all the required operation for the array-based implementation class and your implementation should go in `array_list.tpp`.
5. your tests should go in `test_array_list.cpp`.

Hint: You should order the linked list items 1 to N (1-based indexing) to distinguish it from an array that indexes from 0 to N-1 (0-based indexing).

Submission: submit a zipped folder to Canvas.