

## Assignment 6: Implementing MyArrayList and MyLinkedList class

Problem Description:

Implement MyArrayList class and MyLinkedList class that have the following methods

- 1) Add(e: E)
- 2) Add(index: int, e: E)
- 3) Clear()
- 4) Contains(e: E)
- 5) Get(index: int)
- 6) indexOf(e: E)
- 7) isEmpty()
- 8) remove(e: E)
- 9) size()
- 10) remove(index: int)
- 11) addFirst(e: E)
- 12) removeFirst()

Compare the running time of each method and find out the efficiency of each method.

Upload:

- 1) Java source code
- 2) Comparison analysis sheet