

**Project 6: Implementation of MyStack by Extension of ArrayList**

1. MyStack was implemented by **composition** in Listing 11.10, page 436-437  
Define a new stack class that **extends** ArrayList, i.e., uses **inheritance** instead of composition.
2. Construct a program that prompts the user to implement at least five strings and displays them in reverse order. E.g.,
  - a. input string: "A prime number is called a Mersenne Prime"
  - b. output string: "Prime Mersenne a called is number prime A"