SEMINAR IV – MODULAR PROGRAMMING

CONTENTS

WHAT YOU SHOULD KNOW AFTER ATTENDING

- How to implement a menu-based console UI
- How to use exceptions (more in the next seminars)
- How to implement undo
- How to test functions that eventually output to the screen
- How to split source code into several modules (more in the next seminars)

PROBLEM STATEMENT

Create an application that allows for the management of a list of complex numbers. The application must have a menu-driven, console-based user interface which provides functions for:

- Adding a number
- Removing a number at a given position
- Removing all appearances of a number
- Displaying all numbers
- Displaying numbers having modulus > given value
- Displaying real numbers from list
- Undoing the last change

SOURCE CODE

The source code for this seminar is the Seminar.04.zip archive.