

# ASSIGNMENT

## CSC13001 – Windows programming

### 1. GENERAL INFORMATION

Assignment ID:	Ass01
Assignment name:	Total Commander
Type of assignment:	Individual
Expected duration:	4 hours
Place of submission:	Moodle
Deadline:	According to the announcement

### 2. ASSIGNMENT DESCRIPTION

Create a Win32 Application program for file management with the following requirements:

Requirement 1: Interface Design (2 points)

- Toolbox: includes function buttons such as Back, Forward, Up, Copy, Move, Delete.
- ComboBox: displays a list of hard drives in the computer.
- Label: displays the current directory.
- ListView: displays a list of directories and files in the current directory.

Requirement 2: Responsive User Interface (2 points)

- The user interface has the ability to adapt to the size of the window.

Requirement 3: Display List Functionality (2 points)

- ComboBox: changing the drive will automatically update the corresponding directory display in the ListView.
- ListView: double-clicking or selecting then pressing enter a directory will set it as the current directory and display it in the ListView.

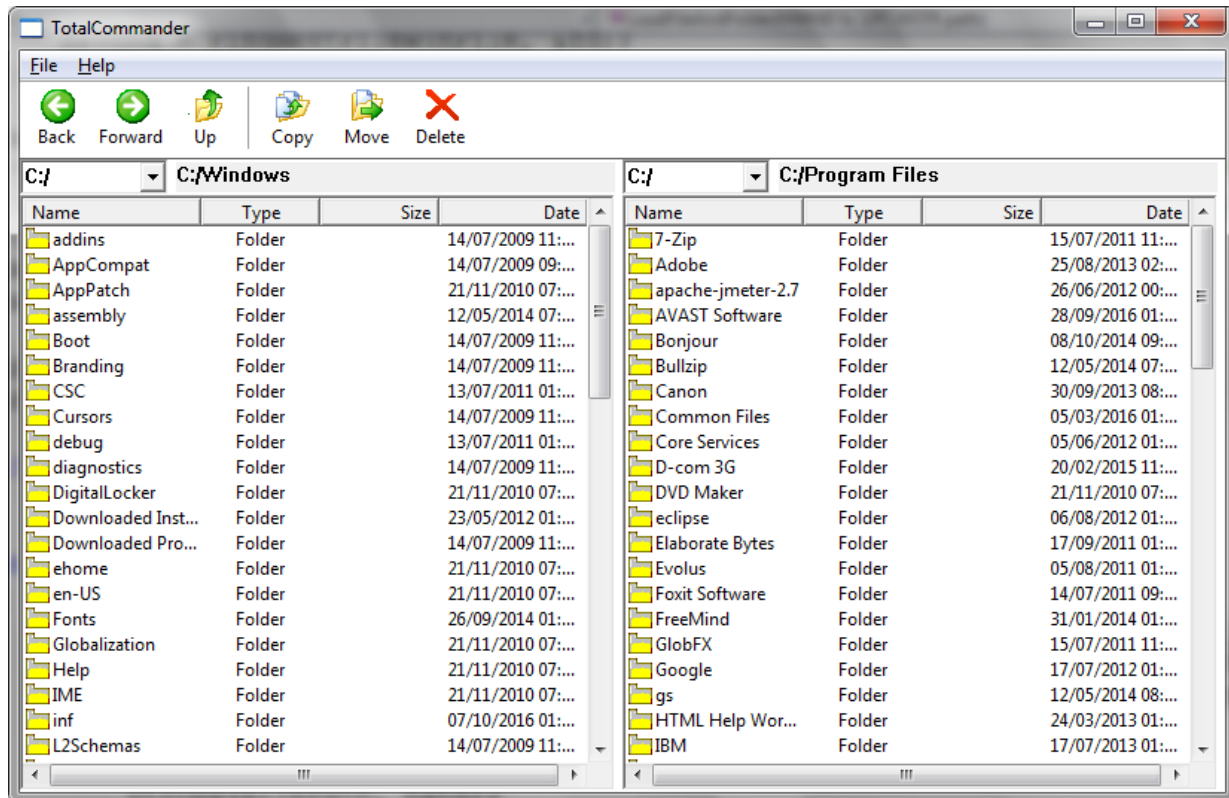
Requirement 4: File Management Functionality (2 points)

- Copy: copies the selected folder or file from one directory to another.
- Move: moves the selected folder or file from one directory to another.
- Delete: deletes the selected folder or file.

Requirement 5: History of Operations (2 points)

- Back: changes to the previous current directory.

- Forward: changes to the subsequently opened current directory.
- Up: changes to the parent directory of the current directory.



### 3. SUBMISSION INSTRUCTIONS

Organize the submission as follows:

- **Source code:** A **folder** containing the source code (intermediate files have been deleted using the Build → Clean menu, and the heavy hidden **.vs** folder has been removed).
- **Release:** A **folder** containing the executable files compiled from the source code.
- **readme.txt:** A **text file** containing the following **mandatory** information:
  - Full name and student identification number
  - Functions that have been implemented
  - Functions that have not been implemented
  - **Self-assessment score**