SEMINAR II – PROCEDURAL PROGRAMMING (I)

CONTENTS

WHAT YOU SHOUD KNOW AFTER ATTENDING

- How to translate a problem statement into features useful for your client
- How to translate features into tasks
- How to identify required functions and their specifications
- How to create a command-driven console-based user interface

PROBLEM STATEMENT

Write an application that manages the students of a faculty. Each student has a unique id, a name and a grade. The application should allow:

- Adding students
- Deleting students
- Showing students whose grades are >= a given value
- Displaying the user the list of available commands

Steps to approach the problem:

- Identify the features
- Clarify the tasks
- Create an iteration plan
- Identify the required functions and write their specifications

SOURCE CODE

The source code for this seminar is the Seminar.02.zip archive.