

Object-Oriented Program Design with Java  
Assignment 4

**Due Date: Tuesday, March 24th**

Please do the following:

1. Programming project 7.3 of Chapter 7 on page 375.
2. Programming project 7.5 of Chapter 7 on page 375.
3. Programming project 7.10 of Chapter 7 on page 376.
4. Programming project 7.13 of Chapter 7 on page 376.

You may use any of the code in the source files posted on Blackboard.

**A note about assignments and reports:** The presentation of your report reflects a great deal about you, your understanding of the assignment and on how much this course means to you. I try very hard to look at the substance of the report, but I would be lying if I said that “presentation does not influence my judgement”. In fact, it would be wise on your part to assume this truth in every course at school and in your real life/work. I expect your reports to be well formatted and conform to the following rules:

1. All reports have to be submitted as a PDF report that contains:
  - (a) Title page with your name, assignment number, and the day that you are actually submitting this report (*not* the assignment due date).
  - (b) A brief description of the assignment or the statement of the problem—whichever is appropriate.
  - (c) A brief description of the logic employed and the needed input and expected output.
  - (d) A comprehensive set of snapshots showing the inputs submitted, outputs obtained in the case of a successful output or a failure.
  - (e) Any conclusions, analysis, or answers to any of the questions I ask as part of the assignment.
2. One text file that contains all source code of all your classes, interface, and implementation (*not* the whole project; content of .java files only)
3. Please compress (zip) a directory containing both the PDF document and the source code, submit as a single file.