What we look for in your reports for second PSE assignment!

Hint. In this report, we have supposed that you have learned the defined criteria of first assignment and you definitely utilize some related ones in this report. So, if you had forgotten about any of the previous criteria, you would miss a great amount of score. In addition, We have defined a new set of criteria.

Assignment 1. In each of the following situations, use combinations of GoF and GoV patterns to achieve the goals stated. In each case, provide a brief discussion on the potential deficiencies of your proposed solution. (80 point)

Expected solution. Since this question has not a unique solution, the most important matter is that we expect you to find a suitable solution and arrange it in the following framework. What we mean by framework is that you must have addressed the following steps in your reports explicitly or implicitly.

1. Extract a list of requirements from the problem statement.
2. Draw a graphical diagram about the problem statement. (The sort of graphical diagram is chosen arbitrary.)
3. Choose a set of suitable patterns.
4. Draw a graphical diagram about the problem solution. (The sort of graphical diagram is chosen arbitrary.)
5. Observe the traceability of requirements through the proposed patterns. (In this section, you must have expressed both the satisfied requirements and non-satisfied or partially satisfied requirements. The latter case would reveal the potential deficiencies as well.)

Assignment 2. Study Chapter 4 of the POSA book (available on the course webpage). Then study the following link: http://c2.com/cgi/wiki?JavaIdioms, and briefly introduce two Java idioms that you have used in programming without knowing that they are actually idioms. (20 point)

We expect that you cover the following aspects in your answer:

1. Explain the concept idioms.
2. Explain how the idioms are used in the programming.
3. Explain why (in which situation) these idioms you usually use them.