



## Assignment 3

- In each of the following cases, a number of patterns have been associated with a specific situation. For each of the situations, compare the associated patterns as to when (in what circumstances) and how (in what way) each pattern can be useful in resolving the situation, and highlight the negative consequences of applying each pattern to its associated situation.
  - **Situation:** It has become difficult to make changes to inheritance hierarchies due to the propagation of change.  
**Patterns:** 1) Tease Apart Inheritance; 2) Form Template Method.
  - **Situation:** Large switch statements are present in the methods of classes.  
**Patterns:** 1) Transform Client Type Checks; 2) Remove Flag Argument.
  - **Situation:** Some of the classes are Data Classes.  
**Patterns:** 1) Split Up God Class; 2) Eliminate Navigation Code.