



## 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:** Refused bequest is seen in some subclasses.  
**Patterns:** 1) Replace Superclass with Delegate; 2) Extract Interface.
  - **Situation:** A class is afflicted with divergent change.  
**Patterns:** 1) Split Up God Class; 2) Tease Apart Inheritance.
  - **Situation:** Duplicated code fragments are scattered among the methods of different classes.  
**Patterns:** 1) Introduce Special Case; 2) Form Template Method.