



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:** The operations of a class are strongly dependent on the attributes and operations of another class.
Patterns: 1) Hide Delegate; 2) Inline Class.
 - **Situation:** Changing (or extending) one part of the code necessitates changing other parts (change propagation).
Patterns: 1) Change Value to Reference; 2) Remove Middle Man.
 - **Situation:** Mutable data have destabilized the system.
Patterns: 1) Change Reference to Value; 2) Separate Query from Modifier.