SE2811 Quiz 5 Name:

1. [3 pt.] Describe the role of each component of the compound pattern:
   1. (1 pt.) Model
   2. (1 pt.) View
   3. (1 pt.) Control
2. (3 pt.) In the separation of view from control,
   1. (1 pt.) … what design goal is achieved?
   2. (2 pt.) How is it achieved?
3. (1 pt.) In one rendition of the MVC compound pattern, the Model maintains the state and tells the other two whenever the state changes. What pattern is best to accomplish this?
   1. Strategy
   2. Factory
   3. Singleton
   4. Observer
   5. Decorator
   6. Composite
   7. Command
4. (1 pt.) Similarly, a single view may be used with one of several controllers. If all controllers implement the same interface, what pattern best accomplish this?
   1. Strategy
   2. Factory
   3. Singleton
   4. Observer
   5. Decorator
   6. Composite
   7. Command
5. (1 pt.) A View often contains multiple components such as buttons that are grouped into panels, menus, etc. What pattern best allows us to treat the groups like the individual components?
   1. Strategy
   2. Factory
   3. Singleton
   4. Observer
   5. Decorator
   6. Composite
   7. Command
6. (1 pt.) What is one sign that you are catching Pattern Fever? (What is one indication that you are applying a pattern when you should not be?)