Design Patterns and Architecture Quiz

1. What is the architecture style followed by the World Wide Web (www). Pick one
   (1 point)

   A. Layered Style

   B. Peer to peer

   ✓ C. REST architecture

2. A compiler built with components that transform the data it receives and passes the transformed data to the next component in the process. This architecture style is known as:
   (1 point)

   ✓ A. Pipe and Filter Pattern

   B. Layered Architecture Pattern

C. Peer-to-Peer Architecture Pattern

3. In an MVC architecture what role does the View play:
   (1 point)
   A. Stores the data representation

   ✓ B. Renders the model

   C. Updates the data representation

   D. Enter answer text…

4. What design pattern should be used to simplify the interfaces of a large system?
   (1 point)
   ✓ A. Facade

   B. Singleton

   C. Factory Method

   D. Template Method

5. What design pattern should be used to monitor multiple customer databases?
   (1 point)
   - A. Strategy
   - B. Composite
   - ✓ C. Observer
   - D. Singleton