

Worksheet one:

1. How does the nature of your organization affect the architectures that it develops? How do the architectures affect the nature of the organization?
2. Explain the difference between Cohesion and Coupling in detail with their types and proper examples.
3. Explain MVC architecture in detail with proper diagram and scenarios where it can be used.
4. Explain Pipe and Filter architecture with proper diagram and scenarios.
5. List and explain Static vs. Dynamic design models.
6. What is the difference between a reference architecture and an architectural pattern? What can you do with one that you cannot do with the other in terms of organizational planning and architectural analysis?