1. Singleton Pattern.

1. Example

Property Reader Object.

Data Source

Logger

1. Graphical user interface, application, Word

   Description automatically generated
2. Eager/Lazy/Block initialization
3. Multithreading problem.
4. Serialization
   1. public Object readResolve();
   2. ObjectOutpuStream.writeObject(Object),   
      ObjectInputStream.readObject();
5. Clone()
6. Reflection Problem.
7. Solution: Enum