1. String formatting
2. Character Streams and Byte Streams
3. Serialization
4. NIO
5. JDBC
6. Statement
7. PreparedStatement
8. ResultSet
9. Transaction (Pessimistic and optimistic locking)
10. Reflection
11. Annotation
12. Localization / Resource Bundles
13. Thread/Runnable
14. Synchronized
15. Concurrent Collections
16. Executer
17. Composition over inheritance
18. Design patterns
19. SOLID
20. Loose coupling and high cohesion