CE103 Algorithms and Programming I

Java Functional Console Programming-II

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# Week-10 (Java Functional Console Programming-II)

#### Fall Semester, 2021-2022

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# Java Functional Console Programming-II

1. Java Exception Handling
2. Java Exceptions
3. Java Exception Handling
4. Java try..catch
5. Java throw and throws
6. Java catch Multiple Exceptions
7. Java try-with-resources
8. Java Annotations
9. Java Annotation Types
10. Java Logging
11. Java Assertions
12. Java List
13. Java Collection Framework
14. Java Collection Interface
15. Java List Interface
16. Java ArrayList
17. Java Vector
18. Java Stack
19. Java Queue
20. Java Queue Interface
21. Java PriorityQueue Interface
22. Java Deque Interface
23. Java LinkedList
24. Java ArrayDeque
25. Java BlockingQueue Interface
26. Java ArrayBlockingQueue
27. Java LinkedBlocking Queue
28. Java Map
29. Java Map Interface
30. Java HashMap
31. Java LinkedHashMap
32. Java WeakHashMap
33. Java EnumMap
34. Java SortedMap Interface
35. Java NavigableMap Interface
36. Java TreeMap
37. Java ConcurrentMap Interface
38. Java ConcurrentHashMap
39. Java Set
40. Java Set Interface
41. Java HashSet
42. Java EnumSet
43. Java LinkedHashSet
44. Java SortedSet Interface
45. Java NavigableSet Interface
46. Java TreeSet
47. Java Algorithms
48. Java Iterator

Java ListIterator

## Out of Scope

1. Java OOP-I
2. Java Class and Objects
3. Java Methods
4. Java Constructor
5. Java Strings
6. Java Access Modifiers
7. Java this keyword
8. Java final keyword
9. Java recursion
10. Java instanceof operator
11. Java OOP-II
12. Java Inheritance
13. Java Method Overriding
14. Java super keyword
15. Abstract Class & Method
16. Java Interfaces
17. Java Polymorphism
18. Java Encapsulation
19. Java OOP-III
20. Nested & Inner Class
21. Java Static Class
22. Java Anonymous Class
23. Java Singleton
24. Java enum class
25. Java enum constructor
26. Java enum string

Java reflection