Course Outline

Books:
1. **Java SE 8 for Programmers (Deitel Developer) 3rd Edition**
2. **Java - How to Program, 9th Edition by Paul Deitel and Harvy Deitel**

Outline with weekly plan:

Week	Topics
1	1. Intro to Java Environment and VS code 2. Java OOP Concepts (Revision) 3. Exception Handling
2	4. Buffers and I/O 5. Generics 6. Collections a. Lists, Set, Map. 7. Serializable
3	8. Lambda 9. Java Streams
4	10. Threads
5	11. Parallel Sorting 12. Version control
6	13. Reflection 14. Plugin manager 15. Managing heap size 16. Managing GC
7	17. Postman (Tool) 18. XML/JSON parsing 19. Java Applet

8	20. Networking 21. Socket Programming

9	22. Java Servlets
	    a. HTTP Requests
	    b. Cookies
	    c. Sessions
	    d. Event and Listeners

10	23. JSP
	    a. Out
	    b. Session
	    c. Request

11	24. JSP APIs
12	25. Java RMI
13	26. JNI 27. Creating jar
14	28. Debugging 29. Logging
15	30. Intro to Android 31. Android Basics