Core Java Training Syllabus

1. Introduction of Java

2. Difference in JRE/JDK/JVM

2. Run Time Environment Set up/ Environmental variable Set up

3. Data Type, Variable & Constant with examples

4. Operators is Java (+, -, *, /, % and increment and Decrement operator)

5. Conditional statements in java (is, If else & Switch)

6. Control statements in java (For, while, do while and for each)

7. Arrays one Dimensional, Two dimensional and Multidimensional

8. Classes and Objects

9. Introduction to OOPs

10. Encapsulation or data Hiding (Getters & Setters)

11. Inheritance in Java

12. Access Modifiers (Public, Private, Protected & Default)

13. Class Modifiers (Static & Final)

14. Abstraction in Java- Abstract Class

15. Interface in Java

16. String Handling

17. Super, Final, Finally and "This" uses.

18. Recursion and Use

19. Var- Arg Method

20. Exception Handling in Java

21. List- Array list & Linked List

22. Sets- Hasset, Linked Hash Set

23. Collections Class in Java

24. Introduction of Java 11 and its features

25. Introduction of Java 17 and its features

26. Builder Patterns and Concepts

26. TreeSet, Map, Hash Map, Tree Map

27. Java Interview Questions and Mock Interview Sesssions