

Anil Gaikwad - 8421594102
gaikwadani1530@gmail.com

Core Java Course Content

Introduction

1. What is Front End Development
2. Front End Technologies
3. What is Back End Development
4. Backend Development Technologies
5. What is Full stack Development
6. Advantages of Full stack Development
7. Roles of Full stack Developer

Core Java

8. What is Programming Language?
9. Types of programming languages
10. Java Introduction
11. History of Java
12. Principles of Java
13. Java Installation
14. Java Program Execution Flow
15. JDK vs JRE
16. JVM Architecture
17. Identifiers & Keywords
18. Data Types
19. Variables
20. Methods
21. Arrays
22. Strings Handling
23. Object Oriented Principles
24. Constructors

25. Interfaces
 26. Programs related to OOPs
 27. Final classes
 28. Abstract Class
 29. Exception handling
 30. Multi-Threading
 31. Concurrency Package
 32. Executor Framework
 33. Synchronization
 34. Lock mechanism
 35. Serialization
 36. Wrapper classes
 37. Auto Boxing, Un-Boxing
 38. Java Memory Management
 39. Class Loader Implementation
 40. Variable Arguments
 41. File IO Operations
 42. Introduction to Collection Framework
 43. List
 44. Set
 45. Map
 46. Properties
 47. Internal implementation of collection framework (List, Map, Set etc)
 48. Java 8 Features Introduction
 49. Lambda Expressions
 50. Functional Interfaces
 51. Default & Static Methods
 52. Method References
 53. Date and Time API changes
-