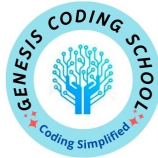
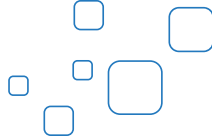


About Us



Why Genesis?

- Personal attention
- Industry trainers
- Affordable Fee
- Practical Orientation
- Flexible Timing
- Online and Offline Mode

Our Offerings:

- Full Stack Programs
- Front End development
- Manual & Automation Testing
- Business Analysis
- JAVA / PYTHON Trainings
- Placement Services
- Agile Trainings



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An initiative by IT Professionals

Contact Us

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 **genesislearningcenter2022@gmail.com**

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Learn from the Industry experts....

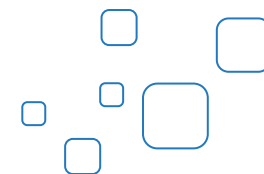
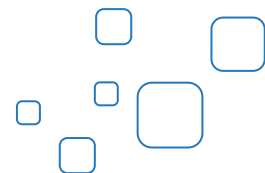
JAVA basic coursework

1. Java Introduction
2. JDK,JRE and JVM in Java
3. Java Installation In Windows
4. Java Installation In Ubuntu --Need to Edit
5. Java Hello World*
6. Java Hello World - Explained*
7. Number systems
8. Understanding Variables*
9. Java Variables
10. Java Data Types
11. Primitive data types
12. Non-primitive data types
13. Java User Input and Output
14. Java Packages and API
15. Java Comments
16. Java Operators
17. Java Operators 1
18. Java Operators 2
19. Java Arrays
20. Single-dimension Array
21. Multi-dimension Array



22. Type Casting in Java
23. IDE for Java
24. Installing Eclipse
25. Welcome to Eclipse
26. Java Conditional Operators 1
27. Java Conditional Operators 2
28. Switch statement
29. Java for loop
30. Java while loop
31. Java do while loop
32. Java Break and Continue
33. Java Enum
34. Java Date and Time
35. Java Methods
36. Exceptions in Java
37. Exception Handling in Java
38. Object Oriented Programming
39. Java Classes and Objects
40. Java Core Concepts of OOPs
41. Types of Inheritance in Java
42. Inheritance and Interface
43. OOPS - Polymorphism
44. Types of Polymorphism
45. Abstraction in Java

46. Abstract Class and Abstraction
47. Encapsulation in Java
48. Access modifiers 1
49. Access modifiers 2
50. Implementing Encapsulation and Getters & Setters
51. Constructors in Java
52. Non-access modifiers
53. Java Nested class
54. Regular Expressions in Java
55. Java Files
56. Reading Data From Excel Sheet
57. Writing Data into Excel Files
58. Java Basic Questions
59. Java Arrays Exercise Questions
60. Java Datatypes Exercise Questions
61. Java Operators Exercise Questions
62. Java Working with Numbers Exercises
63. Java Classes Exercises
64. Java Array Sorting Algorithms
65. Java pattern printing Exercises
66. I/O Streams in Java
67. Annotation in Java

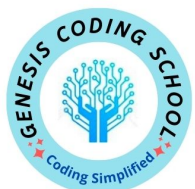


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JAVA Advanced Coursework

1. Lambda Expressions
2. Java Streams
3. For Each() Method
4. Functional Interfaces
5. Type Annotations
6. JDBC
7. Servlets
8. JSP
9. Java Hibernate
10. Web Services



Spring boot Coursework

1. Introduction to Spring boot
2. Spring boot features
3. Spring boot MVS architecture
4. Spring boot Annotations
5. CRUD
6. Thymeleaf
7. Spring Data JPA
8. Spring Live Project



Spring Coursework

Spring Framework – Course Syllabus:

- Introduction to Spring Framework
- Spring Architecture and Environment Configuration
- Spring IoC Containers
- Spring Bean – Definition / Scopes / Lifecycle / Post Processors / Inheritance.
- Java Object dependency injections
- Spring Java Configurations
- Event handling and Custom Events
- JDBC Framework and Web MVC Framework
- Transaction Management
- Call-back Methods
- Spring MVC Framework specific concepts
- Aspect-Oriented Programming
- Spring AOP Overview
- Why AOP? AOP Core Concepts, Implementation, Types of AOP Advice
- AOP AspectJ Annotation
- Inversion of Control, Types of DI, Benefits of DI, DI Implementation
- Introduction to Microservices
- Load Balancers
- Message Queues
- Distributed Tracing



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Duration: 1.5 to 2 Months

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