



Certified career



Java

Programming Course Curriculum



Mission

Learn how to solve problems in one of the hottest languages in the industry, which can help you improve our work in Backend Development, Mobile Development and more!

Description

Learn end-to-end development in Java programming language, one of the most popular programming language in the world and many of the big businesses depend on Java Programming Language. Learn algorithms and properties of Data in Java with Inbuilt clusters to build and work wellcode.

Java Programming

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Skills You Will Learn

Git and Git Hub , Problem Solving Skills ,
Java Skills , Java Syntax , Functions ,
Collections , OOP's Concepts etc

Estimated Time	Modules	Target	Questions to be done
Day 1 & 2	Module 1 Java Basics	Printing and Input, Syntax/Data Types, Arithmetic and Conditional statements	Printing and Input, Arithmetics, Min/Max of 2/3 numbers,
Day 3 & 4	Module 2 Loops/Iteration	while and for-loop switch statements	Patterns (Printing *, 1, or char in triangles)
Day 5 & 6		Questions: Pattern printing, series like AP	Sum of series like AP
Day 7 & 8	Module 3 Time complexity and Array Introduction	Time complexity & Big-O Notation Arrays Functions and java.Math module	Primes, Min/Max, Sum series Pascal's Triangle
Day 9 & 10	Module 4 Arrays and 2-D arrays	Arrays, 2-D arrays	Sort, Search, Largest from row/col,
Day 11 & 12			Tic-tac-toe Win, Sudoku validation, Rotate Matrix, Sum rows/cols
Day 13 & 14	Module 5 OOPs	Class, Access modifier, Interface, static methods, Generics - Introduction	Abstraction, Overloading, Overriding, Inheritance I and II
Day 15 & 16	Module 6 Collections	ArrayList, Collections.sort, Comparator Stack and Queue, Set - HashSet Map - HashMap	Parenthesis checker,
Day 17 & 18			Remove duplicates, 2Sum, Frequency,
Day 19 & 20			Group Anagrams, 2Sum - return index

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boost your IT career.



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