Java SE 9, Part 4 of 14: Composition and Arrays

Meet the expert: Paulo Dichone graduated from Whitworth University with a B.S in Computer Science in 2009 and has worked building Android and iOS mobiles apps as well as web applications. Since 2014 he's been an online instructor teaching over 40,000 students from 170 countries in how to program Java and build Android Applications.

Prerequisites: This course is for beginners and programmers with experience alike.

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Course description: Welcome to the Java 9 Master course. whether you've programmed before or never had programming experience, by the end of this series you'll be able to write sophisticated real world java applications. This class covers class design and functionality, polymorphism and then finishes with arrays, arraylists and hashmaps.

Course outline:

Composition Design
• Introduction
• Composition Design-Pattern
• Polymorphism - Overloading
  Methods
• Summary

Polymorphism
• Introduction
• Polymorphism - Override
  Methods
• Polymorphism - Polymorphic
  Arguments
• Summary

Intro To Arrays
• Introduction
• Intro to Arrays
• More Arrays
• Intro to ArrayLists
• Summary

Array Lists
• Introduction
• ArrayLists
• More ArrayLists
• HashMaps
• Summary

HashMaps And Sorting
• Introduction
• HashMaps
• More HashMap
• Sorting Arrays
• Summary

Static Types And Math
• Introduction
• Static Types and Math Class
• Private Variable
• Summary