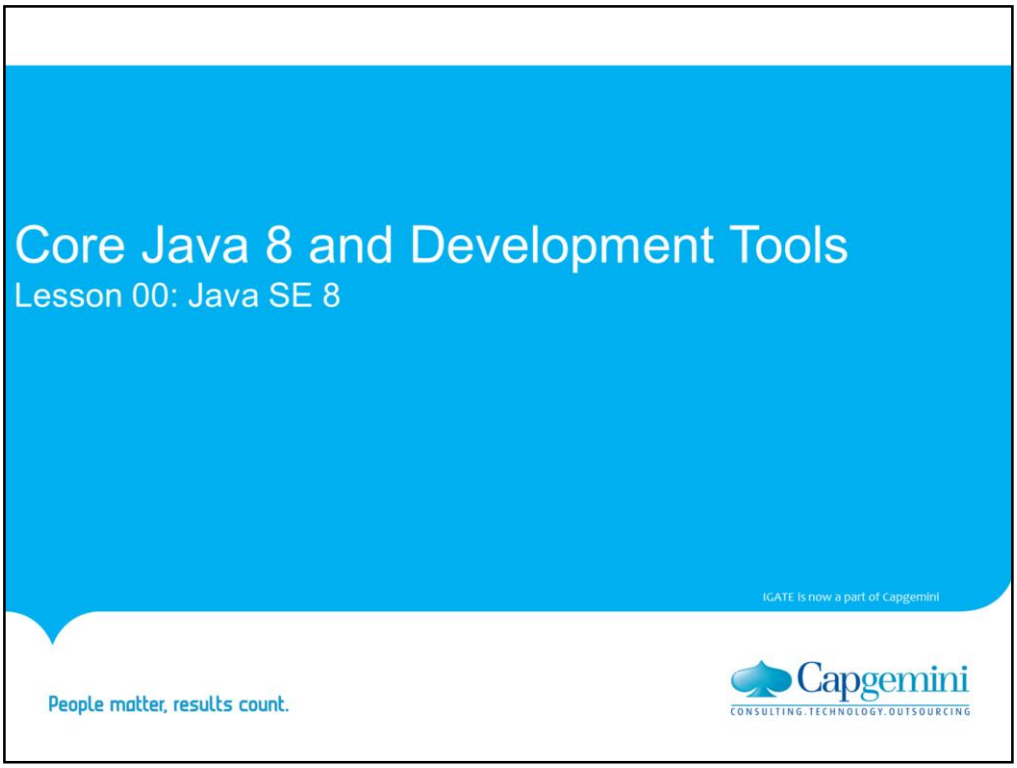

Course Goals and Non Goals

- Course Goals
  - Implementing OOPs features in Java
  - Developing Java Desktop Applications
  - Use of Core JDK 1.8 API
  - Testing using Junit 4
- Course Non Goals
  - Developing GUI applications

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Pre-requisites

- Basic Programming Concepts
- OOPs

Intended Audience

- Developers new to Java technology

Day Wise Schedule

- Day 1
  - Lesson 1: Introduction to Java
  - Lesson 2: Eclipse 4.4 (Luna) as an IDE
  - Lesson 3: Language Fundamentals
  - Lesson 4: Classes and Objects
  - Lesson 5: Exploring Basic Java Class Libraries
- Day 2
  - Lesson 6: Inheritance and Polymorphism
  - Lesson 7: Abstract Classes and Interfaces
- Day 3
  - Lesson 8: Regular Expressions
  - Lesson 9 : Exception Handling
  - Lesson 10: Array

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Day Wise Schedule

- Day 4
  - Lesson 11: Collection
  - Lesson 12: File IO
- Day 5
  - Lesson 13: Introduction to JUnit 4 /Test NG
  - Lesion 14: Advanced Testing Concepts

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References

- Books:
  - Java, The Complete Reference; by Herbert Schildt
  - Thinking in Java; by Bruce Eckel
  - Beginning Java 8 Fundamentals by Kishori Sharan
- Websites:
  - Java home page: http://java.sun.com/
  - JDK 1.8 documentation: http://docs.oracle.com/javase/8/docs/

Next Step Courses

- Servlets
- JSP

Other Parallel Technology Areas

- C ++
- C#.Net
- Visual Basic.Net

