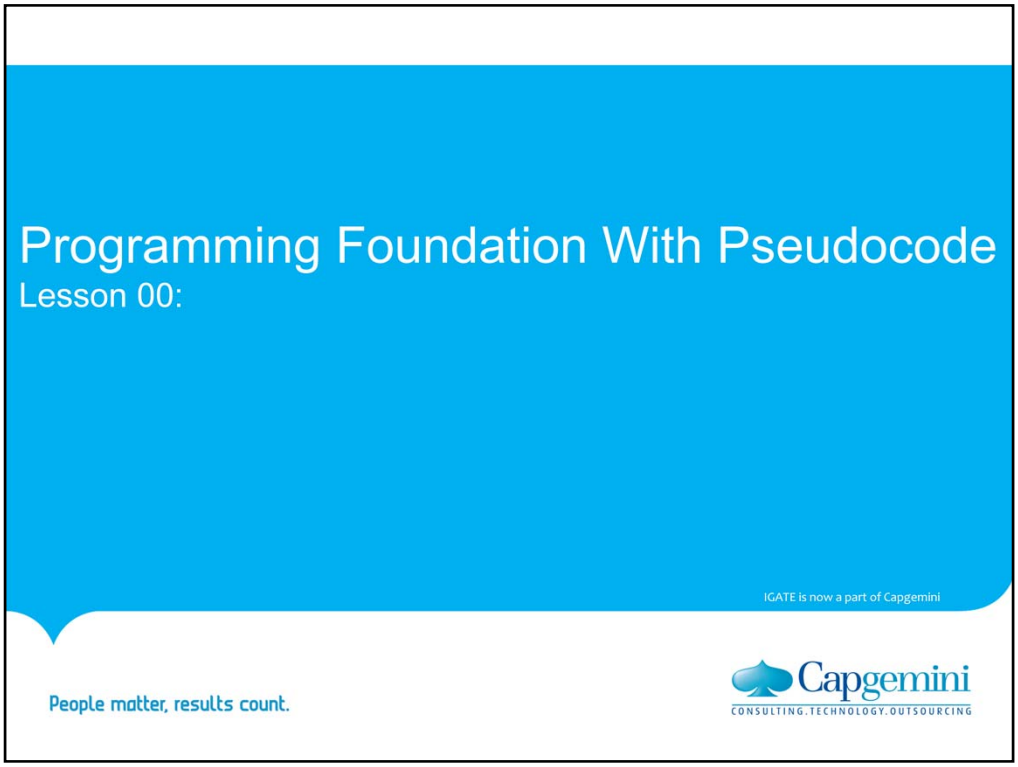

Course Goals and Non Goals

- Course Goals
  - To learn about how to write good program by understanding concepts like
    - Readability
    - Maintainability
    - Modularity
    - Defensive programming
    - Algorithm analysis and design
  - To learn about how to write pseudocode in design phase
  - To develop robust programs by performing Code Reviews and Unit Testing (test cases/results)
  - Understanding Software testing
- Course Non Goals
  - To learn any specific language features in this course. (Language features will be covered in subsequent modules.)

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Intended Audience

- Novice Developers

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Day Wise Schedule

- Day 1
  - Lesson 1: Introduction to program development with pseudocode
  - Lesson 2: Good Programming Practices
- Day 2
  - Lesson 2: Good Programming Practices (Continued)
  - Lesson 3: Algorithm Analysis and Design
  - Lesson 4: Algorithm Design Techniques
- Day 3
  - Lesson 5: Exception Handling
  - Lesson 6: Software Reviews and Testing

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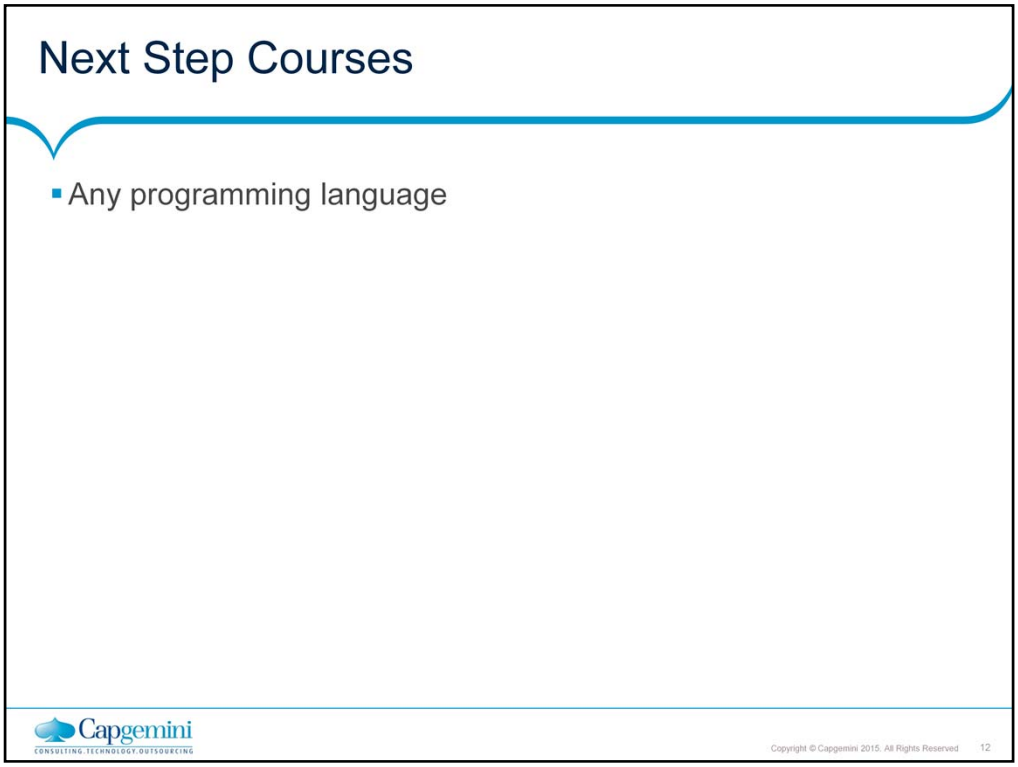
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