Java Fundamentals

Lesson 0: Course Introduction

Speaker: Nicolae Sîrbu
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Lesson Objectives

- Get to know each other

- Define the goals of the course

- Describe the course roadmap

- Setup a communication app

About Speakers

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Software Developers at *Inther Software Development*

Course Roadmap

Units	Lessons
Unit 1: Introduction	**Lesson I: Course Introduction**
Unit 2: Java, Programs, and Classes	**Lesson 1: Introduction to Modern Software Development**
Unit 3: Objects, Data, and Methods	**Lesson 2: Java Programming and Git**
Unit 4: Project Management	
Unit 5: Encapsulation and Conditionals	
Unit 6: Dates, Arrays, Loops, and Inheritance	
Unit 7: Interfaces and Exceptions	
Unit 8: RESTful Applications	

Course Roadmap

Unit 1: Introduction

Unit 2: Java, Programs, and Classes

Unit 3: Objects, Data, and Methods

Unit 4: Project Management

Unit 5: Encapsulation and Conditionals

Unit 6: Dates, Arrays, Loops, and Inheritance

Unit 7: Interfaces and Exceptions

Unit 8: RESTful Applications

Lesson 3: Creating a Java Main Class

Lesson 4: Storing and Managing Local Data

Lesson 5: Managing Multiple Items

Course Roadmap

Unit 1: Introduction

Unit 2: Java, Programs, and Classes

Unit 3: Objects, Data, and Methods

Unit 4: Project Management

Unit 5: Encapsulation and Conditionals

Unit 6: Dates, Arrays, Loops, and Inheritance

Unit 7: Interfaces and Exceptions

Unit 8: RESTful Applications

Lesson 6: Describing Objects and Classes

Lesson 7: Manipulating and Formatting the Data in your Program

Lesson 8: Creating and Using Methods

Course Roadmap

Unit 1: Introduction

Unit 2: Java, Programs, and Classes

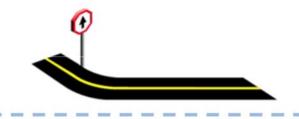Unit 3: Objects, Data, and Methods

Unit 4: Project Management

Unit 5: Encapsulation and Conditionals

Unit 6: Dates, Arrays, Loops, and Inheritance

Unit 7: Interfaces and Exceptions

Unit 8: RESTful Applications

Lesson 9: Project Management

Course Roadmap

Unit 1: Introduction

Unit 2: Java, Programs, and Classes

Unit 3: Objects, Data, and Methods

Unit 4: Project Management

Unit 5: Encapsulation and Conditionals

Unit 6: Dates, Arrays, Loops, and Inheritance

Unit 7: Interfaces and Exceptions

Unit 8: RESTful Applications

Lesson 10: Using Encapsulation

Lesson 11: Using Conditionals

Course Roadmap

Unit 1: Introduction

Unit 2: Java, Programs, and Classes

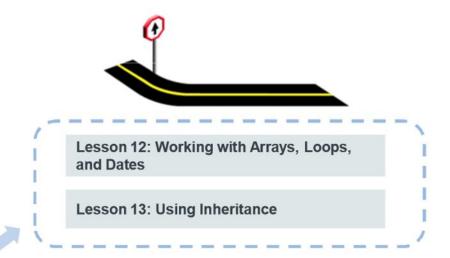Unit 3: Objects, Data, and Methods

Unit 4: Project Management

Unit 5: Encapsulation and Conditionals

Unit 6: Dates, Arrays, Loops, and Inheritance

Unit 7: Interfaces and Exceptions

Unit 8: RESTful Applications

Lesson 12: Working with Arrays, Loops, and Dates

Lesson 13: Using Inheritance

Course Roadmap

Unit 1: Introduction

Unit 2: Java, Programs, and Classes

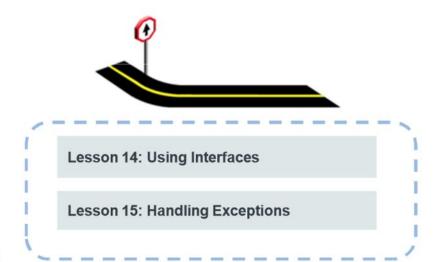Unit 3: Objects, Data, and Methods

Unit 4: Project Management

Unit 5: Encapsulation and Conditionals

Unit 6: Dates, Arrays, Loops, and Inheritance

Unit 7: Interfaces and Exceptions

Unit 8: RESTful Applications

Lesson 14: Using Interfaces

Lesson 15: Handling Exceptions

Course Roadmap

Unit 1: Introduction

Unit 2: Java, Programs, and Classes

Unit 3: Objects, Data, and Methods

Unit 4: Project Management

Unit 5: Encapsulation and Conditionals

Unit 6: Dates, Arrays, Loops, and Inheritance

Unit 7: Interfaces and Exceptions

Unit 8: RESTful Applications

Lesson 16: Introduction to HTTP, REST, and JSON

Lesson 17: Creating REST Web Services with Java

Communication app

Slack Workspace: Tekwill. Java Fundamentals

Workspace URL: tekwill-jf-nov2019.slack.com

Java Fundamentals

Lesson 0: Course Introduction

End.

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