Five Day Custom In-Class T

Day 1

Welcome & Introductions	9:00 AM	20
Lecture	9:20 AM	10
Lecture	9:30 AM	20
Lecture	9:50 AM	25
Mid-Morning Break	10:15 AM	15
Practice	10:30 AM	20
Lecture	10:50 AM	40
Practice	11:30 AM	30
Lunch Break	12:00 PM	45
Lecture	12:45 PM	20
Practice	1:05 PM	10
Lecture	1:15 PM	30
Lecture	1:45 PM	40
Practice	2:25 PM	35
Mid-Afternoon Break	3:00 PM	15
Lecture	3:15 PM	20

Lecture	3:35 PM	30
Practice	4:05 PM	15
Team Project	4:20 PM	10
Team Project	4:30 PM	20
Summary	4:50 PM	10
Day 2		
Agenda Review	9:00 AM	5
Team Project	9:05 AM	85
Mid-Morning Break	10:30 AM	
Lecture	10:30 AM	10
Lecture	10:40 AM	20
Lecture	11:00 AM	30
Practice	11:30 AM	30
Lunch Break	12:00 PM	45
Lecture	12:45 PM	45
Practice	1:30 PM	30
Lecture	2:00 PM	45
Practice	2:45 PM	15
Mid-Afternoon Break	3:00 PM	15
Lecture	3:15 PM	20
Practice	3:35 PM	15
Lecture	3:50 PM	40

Team Project	4:30 PM	20
Summary	4:50 PM	10
Day 3		
Agenda Review	9:00 AM	5
Practice	9:05 AM	25
Lecture	9:30 AM	45
Mid-Morning Break	10:15 AM	15
Practice	10:30 AM	30
Lecture	11:00 AM	30
Practice	11:30 AM	30
Lunch Break	12:00 PM	45
Lecture	12:45 PM	30
Practice	1:15 PM	30
Lecture	1:45 PM	30
Practice	2:15 PM	15
Mid-Afternoon Break	2:30 PM	15
Lecture	2:45 PM	30
Practice	3:15 PM	30
Lecture	3:45 PM	10
Lecture	3:55 PM	10
Team Project	4:05 PM	45
Summary	4:50 PM	10
Day 4		
Agenda Review	9:00 AM	5
Team Project	9:05 AM	30
Lecture	9:35 AM	10

Practice	9:45 AM	10
Lecture	9:55 AM	30
Lecture	10:25 AM	30
Mid-Morning Break	10:55 AM	15
Practice	10:55 AM	20
Lecture	11:15 AM	25
Practice	11:40 AM	20
Lunch Break	12:00 PM	45
Lecture	12:45 PM	25
Practice	1:10 PM	15
Lecture	1:25 PM	20
Practice	1:45 PM	15
Lecture	2:00 PM	50
Mid-Afternoon Break	2:50 PM	15
Practice	3:05 PM	15
Lecture	3:20 PM	50
Practice	4:10 PM	10
Lecture	4:20 PM	10
Team Project	4:30 PM	20
Summary	4:50 PM	10
Day 5		
Agenda Review	9:00 AM	5
Lecture	9:05 AM	30

Practice	9:35 AM	25
Mid-Morning Break	10:00 AM	15
Lecture	10:15 AM	30
Practice	10:45 AM	30
Team Project	11:15 AM	45
Lunch Break	12:00 PM	45
Lecture	12:45 PM	30
Practice	1:15 PM	15
Lecture	1:30 PM	20
Practice	1:50 PM	15
Lecture	2:05 PM	20
Practice	2:25 PM	10
Team Project	2:35 PM	20
Mid-Afternoon Break	2:55 PM	15
Team Project	3:10 PM	20
Summary	3:30 PM	30
Final Exam	4:00 PM	60

Training Agenda for Java Fundamentals v2 (Including Alice)

Welcome and Introductions
Java Fundamentals: Section 2, Lesson 1 Get Started with Alice 3
Java Fundamentals: Section 2, Lesson 2 Add and Position Objects
Java Fundamentals: Section 2, Lesson 3 Use Procedures and Arguments
Selected Practices from the following in Section 2: *L1: 1 - 6* *L2: 1 - 6* *L3: 1 - 6*
Java Fundamentals: Section 2, Lesson 4 Add Rotation and Randomization Java Fundamentals: Section 2, Lesson 5 Declare Procedures
Selected Practices from the following in Section 2: *L4: 1 - 4* *L5: 1 - 7*
Java Fundamentals: Section 2, Lesson 6 Use Control Statements
Selected Practices from the following in Section 2: *L6: 1 - 4*
Java Fundamentals: Section 2, Lesson 7 Use Functions
Java Fundamentals: Section 2, Lesson 8 Use the IF and WHILE Control Structures
Selected Practices from the following in Section 2: *L7: 1 - 4* *L8: 1 - 4*
Java Fundamentals: Section 2, Lesson 9 Use Expressions Java Fundamentals: Section 2, Lesson 10 Use Variables

Java Fundamentals: Section 2, Lesson 11 Use Keyboard Controls Java Fundamentals: Section 2, Lesson 12 Develop a Complete Animation
Selected Practices from the following in Section 2: *L9: 1 - 4* *L10: 1 - 4* *L11: 1 - 4* *L12: 1 - 6*
Refer to Oracle iLearning: Academy Instructor Resources **Use guidelines from "Facilitating the Group Project" to introduce Group Projects**
Alice Project
Recap of Day 1 activities
Review Agenda
Alice Team Project Completion and Group Presentations
Java Fundamentals: Section 2, Lesson 13 Correlating Java Variables, Data Types, and Expressions with Alice 3 Tools
Java Fundamentals: Section 2, Lesson 14 Correlating Java Methods, Classes, and Other Structures with Alice 3 Tools
Java Fundamentals: Section 3, Lesson 1 Getting Started with Greenfoot
Selected Practices from the following in Section 3 *L1: 2, 4, 8*
Java Fundamentals: Section 3, Lesson 2 Using Methods, Variables and Parameters
Selected Practices from the following in Section 3 *L2: 2, 7, 8, 9*
Java Fundamentals: Section 3, Lesson 3 Working with Source Code and Documentation
Selected Practices from the following in Section 3 *L3: 3, 4, 6, 7, 8*
Java Fundamentals: Section 3, Lesson 4 Developing and Testing an Application
Selected Practices from the following in Section 3 *L4: 1, 3, 4*
Java Fundamentals: Section 3, Lesson 5 Using Randomization and Dot Notation and Constructors

Greenfoot Project
Recap of Day 2 activities
Review Agenda
Selected Practices from the following in Section 3 *L5: 13, 14, 15*
Java Fundamentals: Section 3, Lesson 6 Defining Methods
Selected Practices from the following in Section 3 *L6: 1, 2, 4*
Java Fundamentals: Section 3, Lesson 7 Using Sound and Keyboard Control
Selected Practices from the following in Section 3 *L7: 1 - 4*
Java Fundamentals: Section 3, Lesson 8 Creating a World, Animating Actors, and Ending a Game
Selected Practices from the following in Section 3 *L8: 4, 5, 8, 9, 10, 17*
Java Fundamentals: Section 3, Lesson 9 Understanding Abstraction
Selected Practices from the following in Section 3 *L9: 3 - 6*
Java Fundamentals: Section 3, Lesson 10 Using Loops, Variables and Strings
Selected Practices from the following in Section 3 *L10: 4, 5, 10, 11, 12, 20, 21*
Java Fundamentals: Section 3, Lesson 11 L11 Putting it All Together with Greenfoot
Java Fundamentals: Section 3, Lesson 12 Creating an Inventory of Java Fundamentals
Greenfoot Project
Recap of Day 3 activities
Review Agenda
Greenfoot Team Project Completion and Group Presentations
Java Fundamentals: Section 4, Lesson 1 Compiling with Eclipse

Selected Practices from the following in Section 4 *L1: 2, 3*
Java Fundamentals: Section 4, Lesson 2 Using Object Classes and Driver Classes
Java Fundamentals: Section 4, Lesson 3 Programming with Data Types and Operators
Selected Practices from the following in Section 4 *L2: 4, 5, 7, 8* *L3: 1 - 3*
Java Fundamentals: Section 4, Lesson 4 Using Strings
Selected Practices from the following in Section 4 *L4: 1 - 3*
Java Fundamentals : Section 5, Lesson 1 Using Scanner and Conditional Statements
Selected Practices from the following in Section 5 *L1: 1, 2, 5*
Java Fundamentals: Section 5, Lesson 2 Using Program Control Statements
Selected Practices from the following in Section 5 *L2: 1, 11, 12*
Java Fundamentals: Section 6, Lesson 1 Using Arrays
Selected Practices from the following in Section 6 *L1: 1 - 7*
Java Fundamentals: Section 6, Lesson 2 Sorting and Searching
Selected Practices from the following in Section 6 *L2: 1*
Java Fundamentals: Section 6, Lesson 3 Handling Errors
Eclipse Project
Recap of Day 4 activities
Review Agenda
Java Fundamentals: Section 7, Lesson 1 Creating Classes, Objects, and Methods

Selected Practices from the following in Section 7 *L1: 1*	
Java Fundamentals: Section 7, Lesson 2 Passing Objects and Overloading Methods	
Selected Practices from the following in Section 7 *L2: 1, 2, 3*	
Eclipse Project	
Java Fundamentals: Section 7, Lesson 3 Understanding Recursion, Static Modifier, and Nested Classes	
Selected Practices from the following in Section 7 *L2: 1, 3, 4*	
Java Fundamentals: Section 7, Lesson 4 Understanding Inheritance	
Selected Practices from the following in Section 7 *L3: 3*	
Java Fundamentals: Section 7, Lesson 5 L4 Understanding Polymorphism	
Selected Practices from the following in Section 7 *L4: 1*	
Eclipse Project	
Eclipse Team Project Completion and Group Presentations	
Oracle iLearning Section 0 Topics Overview	Custom Exam
Java Fundamentals : Custom Final Exam (50 ques)	**JF13CE,** **JF13CECN,** **JF13CESP,** **JF13CEPT**

iLearning Report ID

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