



Training Schedule for Java Development on Oracle Cloud

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Follow the training schedule for **Java Development on Oracle Cloud** to effectively plan your Java learning. Start with the basics of Java, which culminates in a Capstone Case Study, after which you can earn an Explorer badge. You can then proceed to advanced Java programming with the Java SE 11: Programming Complete course. Implement what you have learned with a project where you will develop, test, and deploy a Java application on OCI.

Training Schedule	Course	Topics
Week 1	Introduction to SLS	Introduction to SLS
	Java Explorer	Introduction to Java Basics
		Practical Object-Oriented Concepts: Part 1
		Practical Object-Oriented Concepts: Part 2
		What is a Java Program?
		Handling Text and Numbers
		Arrays, Conditions, and Loops
Week 2	Java Explorer	Defining Classes and Creating Objects
		Working with Objects
		Handling Exceptions
		Object-Oriented Approach to Code Reuse
		Oracle Cloud and Beyond
		Case Study
		Java Explorer Assessment
Week 3	Java SE 11: Programming Complete	Introduction to Java
Week 4	Java SE 11: Programming Complete	Primitive Types, Operators, and Flow Control Statements
		Text, Date, Time, and Numeric Objects
Week 5	Java SE 11: Programming Complete	Classes and Objects
		Improved Class Design
Week 6	Java SE 11: Programming Complete	Inheritance
		Interfaces
Week 7	Java SE 11: Programming Complete	Arrays and Loops
		Collections
Week 8	Java SE 11: Programming Complete	Nested Classes and Lambda Expressions
		Java Streams API
Week 9	Java SE 11: Programming Complete	Handle Exceptions and Fix Bugs
Week 10	Java SE 11: Programming Complete	Java IO API
Week 11	Java SE 11: Programming Complete	Java Concurrency and Multithreading
		Open Module Content
		Annotations
		Java Database Connectivity
		Java Security
		Advanced Generics

Week 12	Java SE 11: Programming Complete	Oracle Cloud Deployment
	Project	Project
Week 13	Project	
Week 14	Project	
Week 15	Project Evaluation	
Week 16	Project Evaluation	