

Curso Oracle Certified Associate Exam Java SE 7 (Exam 1Z0-803)

Objetivo: Preparar al alumno para que presente y acredite el examen **1Z0-803** de Oracle para lograr la certificación **OCA Java SE 7**.

Dirigido a: Programadores de Java que deseen acreditar esta certificación. Los alumnos de nuestros cursos de Java y Diplomados de Java que quieren dedicarse a estudiar para acreditar este examen.

Requisitos: Haber tomado nuestro **Curso de Java JSE 7 y Diplomado Programming Java (JSE, Servlets & JSP) the MVC with Oracle 10g and MyEclipse**. Se requiere compromiso y disciplina para estudiar durante el tiempo que dura este entrenamiento.

Metodología: Este es un curso para realizar exámenes e interactuar con un instructor que guiará la clase con resolución de dudas del examen y coordinación. La mayor parte del tiempo en el curso se dedica a presentar exámenes. Este no es un curso para aprender Java JSE sino para repasar la guía de estudio y presentar exámenes de simulación.

Duración: 40 horas.

Contenido

Chapter 1: Packaging, Compiling, and Interpreting Java Code

- Understand Packages
- Understand Package-Derived Classes
- Understand Class Structure
- Compile and Interpret Java Code
- Q&A Self Test

Chapter 2: Programming with Java Statements

- Understand Assignment Statements
- Create and Use Conditional Statements
- Create and Use Iteration Statements
- Create and Use Transfer of Control Statements
- Q&A Self Test

Chapter 3: Programming with Java Operators and Strings

- Understand Fundamental Operators
- Understand Operator Precedence
- Use String Objects and Their Methods
- Use StringBuilder Objects and Their Methods
- Test Equality Between Strings and other Objects equals Method of the String Class
- Q&A Self Test

Chapter 4: Working with Basic Classes and Variables

- Understand Primitives, Enumerations, and Objects
- Use Primitives, Enumerations, and Objects
- Q&A Self Test

Chapter 5: Understanding Methods and Variable Scope

- Create and Use Methods
- Pass Objects by Reference and Value
- Understand Variable Scope
- Create and Use Constructors
- Use this and super Keywords
- Create Static Methods and Instance Variables
- Q&A Self Test

Chapter 6: Programming with Arrays

- Work with Java Arrays
- Work with ArrayList Objects and Their Methods
- Q&A Self Test

Chapter 7: Understanding Class Inheritance

- Implement and Use Inheritance and Class Types
- Understand Encapsulation Principles
- Advanced Use of Classes with Inheritance and Encapsulation
- Q&A Self Test

Chapter 8: Understanding Polymorphism and Casts

- Understand Polymorphism
- Understand Casting
- Q&A Self Test

Chapter 9: Handling Exceptions

- Understand the Rationale and Types of Exceptions
- Understand the Nature of Exceptions
- Alter the Program Flow
- Recognize Common Exceptions
- Q&A Self Test

Chapter 10: Working with Classes and Their Relationships

- Understand Class Compositions and Associations
- Class Compositions and Associations in Practice
- Q&A Self Test



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