

Scala Course Content

Introduction to Scala

This module will give a quick introduction to the Scala language and compiler.

- ✚ Why Scala?
- ✚ What is Scala?
- ✚ Introducing Scala
- ✚ Installing Scala
- ✚ Journey – Java to Scala
- ✚ First Dive – Interactive Scala
- ✚ Writing Scala Scripts – Compiling Scala Programs
- ✚ Scala Basics
- ✚ Scala Basic Types
- ✚ Defining Functions
- ✚ IDE for Scala
- ✚ Scala Community

Scala Essentials

Let's understand briefly the Scala essentials like operators, If statements, while loops and much more...

- ✚ Immutability in Scala – Semicolons
- ✚ Scala Method Declarations
- ✚ Literals, Lists, Tuples, Options and Maps
- ✚ Reserved Words
- ✚ Operators
- ✚ Scala Precedence Rules
- ✚ If statements
- ✚ Scala For Comprehensions

- ✚ While Loops
- ✚ Do-While Loops
- ✚ Conditional Operators in Scala
- ✚ Pattern Matching
- ✚ Enumeration

Traits and OOP's In Scala

This module will concentrate over traits and OOP's concepts of Scala.

- ✚ Traits Intro – Traits as Mixins
- ✚ Stackable Traits
- ✚ Creating Traits Basic OOPS – Class and Object Basics
- ✚ Scala Constructors
- ✚ Nested Scala Classes
- ✚ Visibility Rules

Functional Programming In Scala And Use Traits As Mixins

This course introduces the cornerstones of functional programming using the Scala programming language and Different types of data structures present in Scala.

- ✚ What is Functional Programming?
- ✚ Functional Literals and Closures
- ✚ Recursion
- ✚ Tail Calls
- ✚ Scala Functional Data Structures
- ✚ Implicit Function Parameters in Scala
- ✚ Call by Name and Call by Value

Practice Test & Interview Questions

SVR technologies offers advanced Scala interview questions and answers. Take a free sample practice test before appearing in the certification to improve your chances of scoring.

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