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Scala Programming Course

Course Overview

In this Course you get to learn:

You get to learn functional programming, object orientation, multiple inheritances with traits, collections, programming with options and pattern matching.

Understand variables, conditionals, loops, functions and classes present in Scala.

Scala Programming Skills

We learn the following skills:

You can get insight into how things are actually implemented and executed in Scala.

Next we cover topics like objects, control statements. These topics will be explained using an example and you will learn how to leverage such functionalities to make your program efficient.

The third module of this Scala programming training will train you on topics like inheritance, abstraction.

Course Features

Course Duration- 9+ Hours

3 Number of Courses

Verifiable Certificates

Lifetime Access

Technical Excellence

About Scala Programming

Scala can be defined as the programming language that allows the codes to be written in both object-oriented and functional manner.

The purpose of bringing Scala was to make the use of Java efficiently in order to solve a complex problem in a simple way.

The codes written in it are very concise, efficient and less error-prone.

Scala Programming ~~Course~~

This is a Bundle Course that includes complete in-depth Scala Programming Course combined into one Complete Course.

This Bundle perfectly meets the requisite of the industry and gives you a better chance of being hired as a Scala Programming Course professional.

1 Scala Programming - The Fundamentals

Section 1. The Basics

- Introduction
- Variable
- Writing Scripts
- Loops and conditions
- Parameterizing Arrays with Types Part 1
- Parameterizing Arrays with Types Part 2
- Lists

Section 2. Tuples and Sets Introduction

- Tuples
- sets
- Vars vs. Vals
- Writing Scripts to create Set in Tuples

Section 3. Classes, Methods and Objects

- Classes, field and Methods
- Classes and Semicolon Inference
- Singleton Objects
- Writng Apps in scala

2 Scala Programming - Functions, Abstraction & Inheritance

Section 1. Functions and Closures

- Methods
- First Class Functions
- Repeated parameters

Section2. Control Abstraction

- Reducing code duplication
- Higher Order Functions
- New Control Structures
- By-name Parameters

Section 3. Composition and Inheritence

- Two Dimensional Layouts
- Extending Classes
- Invoking Superclass Constructors
- Declaring members of Inheritance
- Defining Factory Object

Section 4 . Scala's Hierarchy

- Class Hierarchy
- Implementation of Primitives

3 Scala Programming - Operations, Objects and Control Structures

Section 1. Types and Operations

- Basic Types
- Character Literals
- Operators and Symbol Literals
- Arithmetic Operators
- Bitwise Operations

Section2. Control Abstraction

- Reducing code duplication
- Higher Order Functions
- New Control Structures
- By-name Parameters

Section 2. Functional Objects

- Rational Objects
- Preconditions
- Auxiliary Constructors
- Private Fields and Methods
- Defining Operators
- Method Overloading

Section 3 . Control Structures

- If Expression and While,Do-While Loops
- For Expressions
- Exception Handling with Try
- Match Expressions
- Variable Scope

Frequently Asked Questions

Why should we learn Scala programming?

Scala is a programming language that could be used for various purposes. It eliminates the gap between the functional and object-oriented approach of programming making the application development very simple and efficient. One should learn Scala as it will train you on several new concepts of programming and will help you be a problem solver of the technicality issues that usually occurs in the programming world.

How long it may take to learn Scala?

The answer to this question depends on you. The more time you will devote, the more likely you will be to learn it quickly. Overall, it can take from a month to several months to do this golang certification course based on how strong your command is in programming.

Customer Reviews

"
Simple, comprehensive and easy to follow Scala Programming Certification Course. Very well laid out.This course on scala programming was genuinely worthwhile. Tutor had made sure to provide each and every delicate and minute details description in brief to know the things in easy & effective way.

Stephen Purcell

"
Good Scala Programming Certification lets you have a basic knowledge of scala functional and object programming. You could really improve this course if you write the code in an IDE like eclipse or IntelliJ, its really hard to understand code that longer than a row if you look at the command line. other than that its fine, you can always understand the lecturer.

Ilia Lazebnik

"
Great class – loved every minute of it. Would suggest for a friend! It was easy and concise, no problem following the instructor at all. Videos were not too long which was great if I did not want to get involved in something that big at night before bedtime. Can't go wrong, the user interface was friendly and easy to use. No issues with Google Chrome's web browser, it never crashed or would not load a screen. Can't be happier with my purchase.

John Smith

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Scala Programming Course

For Queries please contact:

Email : info@educba.com