

Kotlin Fundamentals

Introduction



Kevin Jones

@kevinrjones



Introduction





- [Installation and introduction](#)
- [Language Introduction and Features](#)
- [Classes, interfaces and other types](#)
- [Objects and Companions](#)
- [Functions in Kotlin](#)
- [Collections and sequences](#)
- [Nullability](#)
- [Interoperating with Java](#)





What is Kotlin?

Installation

First code



What Is Kotlin?

JVM language
Object oriented
Functional
Low ceremony



Demo

Installing Kotlin in IDEs and on the command line



Kotlin Fundamentals

Version Check



Version Check



This course was created by using:

- Kotlin 1.8
- IntelliJ IDEA 2023.1



Version Check



This course is 100% applicable to:

- Kotlin 1.8 - 2.0
- Any version of IntelliJ IDEA from 2017 to 2024



Summary

How to install Kotlin

- Command line
- IDE

Using the Kotlin REPL

Using the IDE

Wrote our first ‘main’ function



Kotlin Language Basics

