GETTING STARTED WITH
Kotlin

DOCUMENTATION

Kotlin documentation is a good place to start.

Check out these topics to learn and become more productive with Kotlin.

Basic syntax:
- Package definition and imports
- Program entry point
- Functions
- Variables
- Comments
- String templates
- Nullable values and null checks
- For/While loop
- Ranges
- Collections

Classes and inheritance:
- Classes
- Inheritance
- Abstract classes
- Companion objects

Functions:
- Function declarations
- Function usage
- Function scope
- Generic functions

IDE

A modern IDE like **IntelliJ IDEA** can help in learning Kotlin.

- You can get started with IntelliJ IDEA by:
    - Setting up the environment
    - Creating a new project
    - Running the application

- Running code snippets:
    - Scratches and worksheets
    - REPL

COMMUNITY

The Kotlin community is open, helpful, and welcoming. Don't hesitate to join these forums, and ask questions, or use them to learn something new.

- Forum
- Slack
- StackOverflow

PLAYGROUND

Hands-on experience is the way to master your Kotlin skills on real examples right in the browser:

- Playground - hck.re/kotlinplay

- Learn Kotlin by Example - hck.re/kotlinexample

- Kotlin Koans- hck.re/kotlinkoans

BOOKS

All Kotlin aspects are well covered in the following books:

- Head First Kotlin
- Kotlin in Action
- Kotlin Programming: The Big Nerd Ranch Guide
- Programming Kotlin
- The Joy of Kotlin
- Atomic Kotlin

ONLINE COURSES

Kotlin is well covered in online courses. Check out recommended courses here:

- Introduction to Kotlin Programming
- Introduction to Kotlin (in Russian)

CERTIFIED TRAINING

"Certified by JetBrains" is a program created to work with training providers to verify their existing Kotlin training programs, and at the same time build a trusted network of global partners.

COMMUNITY RESOURCES

Check out these community resources for more information:

- Kotlin.link: official links, resources, books, courses, and more
- SuperKotlin Blog: a website dedicated to the Kotlin language and its community
- @kotlin: the official Kotlin Twitter account
- Kotlin Community: a list of offline events cland groups from kotlinlang.org.
- Kotlin Slack: a Slack chat community for Kotlin users
- Talking Kotlin: a bi-monthly podcast on Kotlin and more