

# Kotlin basics

## About this codelab

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## 1. Welcome

### Introduction

In this codelab, you learn the basics of the [Kotlin](#) programming language: data types, operators, variables, control structures, and nullable versus non-nullable variables.

### What you should already know

- How to create a project in IntelliJ IDEA
- How to open and execute code in Kotlin's REPL (Read-Eval-Print Loop) in IntelliJ IDEA (**Tools > Kotlin > Kotlin REPL**)

### What you'll learn

- How to use Kotlin data types, operators, and variables
- How to work with booleans and conditions
- The difference between nullable and non-nullable variables
- How arrays, lists, and loops work in Kotlin

### What you'll do

- Work with the Kotlin REPL to learn the basics of Kotlin