

**Welcome!**



# Overview

Goal: be a productive ZIO programmer

## Scala recap

- essential Scala, implicits, variance

## Effects & ZIO

- pure/impure FP, mental models
- ZIO effects, error handling
- ZIO features, ZLayers, dependencies

## ZIO Concurrency

- Fibers
- resources, parallelism, concurrency, interruption, asynchrony, scheduling

## ZIO Concurrent Coordination

- Ref, Promise, coordination primitives
- Transactional effects

## Testing

- Testing applications, JUnit testing
- Test services, property-based testing

# Tips

Go step by step

Do all the exercises, but no pressure

Focus and commit

Take breaks

Trust the process

Have fun!

**Let's Go!**

