# Go from Zero to Hero: Learning Go when you don't know how to code

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#### Bio

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## Intro



### Intro

#### **Learning Resources**

#### **Guided learning journeys**





#### CLIs

This workshop will walk you through building a CLI app with Go, introducing you to basic Go principles and CLI frameworks along the way.

Learn more



#### New to coding?

Get started with this introductory course covering basic programming principles and Go fundamentals.

Learn more

#### Go by Example

#### Go by example

Go by Example is a hands-on introduction to Go using annotated example programs. It's a great starting point to use when tackling any Go project.

Learn more 🖸

#### **Online learning**

#### code cademy

#### Codecademy

This course covers setting up a Go environment, the fundamentals of Go, and will walk you through building a few sample projects.

Learn more

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#### Exercism.io

Tackle community-sourced Go challenges in this interactive course, working with other participants and mentors along the way.

Learn more



#### Google Developers Codelabs

Get started with a free codelab that walks you through using Go to build and publish a Google Cloud Function.

Learn more

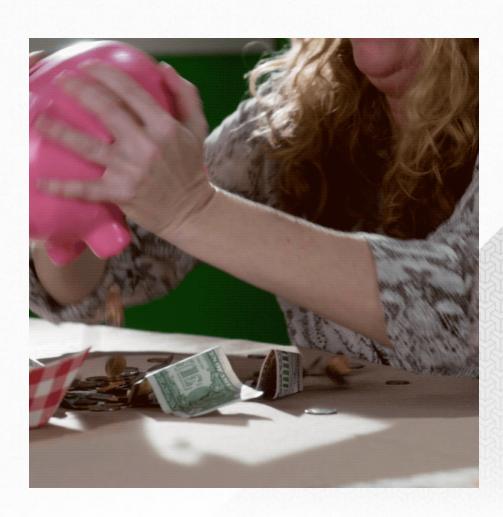


#### Gophercises

Build your confidence in using Go with this course, where you'll build roughly twenty different Go applications.

Learn more 🖸

# **Open Source Learning**



# **Tutorial**

• 1.1 Hello World

- 1.1 Hello World
- 1.2 Types

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- 1.2 Types
- 1.3 Functions

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- 1.2 Types
- 1.3 Functions
- 1.4 Conditionals

- 1.1 Hello World
- 1.2 Types
- 1.3 Functions
- 1.4 Conditionals
- 1.5 Loops

• 2.1 Bash

- 2.1 Bash
  - unix
  - windows

- 2.1 Bash
- 2.2 Git

- 2.1 Bash
- 2.2 Git
- 2.3 Install Go

- 2.1 Bash
- 2.2 Git
- 2.3 Install Go
- 2.4 Choose your IDE (or not)

#### Part-3 Write a Go server

- 3.1 What is an API?
- 3.2 Chat server Example project

### **Part-4 Dependencies**

- 4.1 Using Go Modules
- 4.2 Using Opensource Libriares

### **Part-5 Checking your Code**

- 5.1 Linters
- 5.2 Unit Tests
- 5.3 Test Coverage
- 5.4 Web Crawler Example

### Part-6 Deploying a Service

• 6.1 Docker

### How to get involved

### **Sponsor or contact**

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