# Golang Dasar

06-Multiple-Main-Function

07-Tipe-Data-Number

08-Tipe-Data-Boolean

09-Tipe-Data-String

10-Variable

11-Constant

12-Konversi-Tipe-Data

13-Type-Declarations

14-Operasi-Matematika

15-Operasi-Perbandingan

16-Operasi-Boolean

17-Tipe-Data-Array

18-Tipe-Data-Slice

19-Tipe-Data-Map

20-If

21-Switch

22-For

23-Break-dan-Continue

24-Function

25-Function-Parameter

26-Function-Return-Value

27-Returning-Multiple-Values

28-Named-Return-Values

29-Variadic-Function

30-Function-as-Value

31-Function-as-Parameter

32-Anonymous-Function

33-Recursive-Function

34-Closure

35-Defer-Panic-dan-Recover

36-Komentar

37-Struct

38-Struct-Method

39-Interface

40-Interface-Kosong

41-Nil

42-Type-Assertions

43-Pointer

44-Asterisk-Operator

45-Operator-New

46-Pointer-di-Function

47-Pointer-di-Method

48-Package-dan-Import

49-Access-Modifier

50-Package-Initialization

51-Error

52-Membuat-Custom-Error

53-Materi-Selanjutnya

(materi tambahan,label)

# Golang Standard Library

01-Pendahuluan

02-Standard-Library

03-Membuat-Project

04-Package-fmt

05-Package-errors

06-Package-os

07-Package-flag

08-Package-strings

09-Package-strconv

10-Package-math

11-Package-container-list

12-Package-container-ring

13-Package-sort

14-Package-time

15-Package-reflect

16-Package-regexp

17-Package-encoding

18-Package-slices

19-Package-path

20-Package-io

21-Package-bufio

22-File-Manipulation

23-Package-Lainnya

24-Materi-Selanjutnya

# Golang Modules

00-Pendahuluan

01-Pengenalan-Go

02-Membuat-Module

03-Menambah-Dependency

04-Upgrade-Module

05-Upgrade-Dependency

06-Major-Upgrade

07-Outro

# Golang Unit Test

00-Pendahuluan

01-Pengenalan-Software-Testing

02-Pengenalan-testing-Package

03-Membuat-Unit-Test

04-Menggagalkan-Test

05-Assertion

06-Skip-Test

07-Before-dan-After-Test

08-Sub-Test

09-Table-Test

10-Mock

11-Benchmark

12-Membuat-Benchmark

13-Sub-Benchmark

14-Table-Benchmark

15-Materi-Selanjutnya

# Golang Goroutines

00-Pendahuluan

01-Pengenalan-Concurrency-dan-Parallel

02-Pengenalan-Goroutine

03-Membuat-Project

04-Membuat-Goroutine

05-Goroutine-Sangat-Ringan

06-Pengenalan-Channel

07-Membuat-Channel

08-Channel-Sebagai-Parameter

09-Channel-In-dan-Out

10-Buffered-Channel

11-Range-Channel

12-Select-Channel

13-Default-Select

14-Race-Condition

15-sync.Mutex

16-sync.RWMutex

17-Deadlock

18-sync.WaitGroup

19-sync.Once

20-sync.Pool

21-sync.Map

22-sync.Cond

23-Atomic

24-time.Timer

25-time.Ticker

26-GOMAXPROCS

27-Materi-Selanjutnya

# Golang Context

00-Pendahuluan

01-Pengenalan-Context

02-Membuat-Context

03-Parent-dan-Child-Context

04-Context-With-Value

05-Context-With-Cancel

06-Context-With-Timeout

07-Context-With-Deadline

08-Materi-Selanjutnya

# Golang Database MySQL

00-Pendahuluan

01-Pengenalan-Package-Database

02-Menambah-Database-Driver

03-Membuka-Koneksi-ke-Database

04-Database-Pooling

05-Eksekusi-Perintah-SQL

06-Query-SQL

07-Tipe-Data-Column

08-SQL-Injection

09-SQL-Dengan-Parameter

10-Auto-Increment

11-Prepare-Statement

12-Database-Transaction

13-Repository-Pattern

14-Materi-Selanjutnya

# Golang Embed

00-Pengehuluan

01-Pengenalan-Embed-Package

02-Embed-File-ke-String

03-Embed-File-ke-Byte

04-EMbed-Multiple-Files

05-Path-Matcher

06-Hasil-Embed-di-Compile

07-Materi-Selanjutya

# Golang Web

01-Pendahuluan

02-Pengenalan-Web

03-Client-dan-Server

04-Golang-Web

05-Server

06-Handler

07-ServeMux

08-Request

09-HTTP-Test

10-Query-Parameter

11-Header

12-Form-Post

13-Response-Code

14-Cookie

15-FileServer

16-ServeFile

17-Template

18-Template-Data

19-Template-Action

20-Template-Layout

21-Template-Function

22-Template-Caching

23-XSS-Cross-Site-Scripting

24-Redirect

25-Upload-File

26-Download-File

27-Middleware

28-Routing-Library

29-Materi-Selanjutnya

# Golang HTTP Router

01-Pendahuluan

02-Pengenalan-HttpRouter

03-Router

04-Params

05-Router-Pattern

06-Serve-File

07-Panic-Handler

08-Not-Found-Handler

09-Method-Not-Allowed-Handler

10-Middleware

11-Materi-Selanjutnya

# Go-Lang JSON

01-Pendahuluan

02-Pengenalan-Package-json

03-Encode-JSON

04-JSON-Object

05-Decode-JSON

06-JSON-Array

07-JSON-Tag

08-Map

09-Streaming-Decoder

10-Streaming-Encoder

11-Materi-Selanjutnya

# Golang RESTful API

01-Pendahuluan

02-Setup-Project

03-Membuat-OpenAPI

04-API-Spec-List-Categories

05-API-Spec-Create-Category

06-API-Spec-Get-Category

07-API-Spec-Update-Category

08-API-Spec-Delete-Category

09-API-Spec-Security

API-10-Membuat-Database

11-Category-Domain

12-Category-Repository

13-Category-Repository-Implementation

14-Category-Service

15-Category-Service-Implementation

16-Category-Validation

17-Category-Controller

18-Category-Controller-Implementation

19-HTTP-Router

20-HTTP-Server

21-Manual-Test-API

22-Error-Handler

23-Authentication

24-Unit-Test

25-Materi-Selanjutnya

# Golang Dependency Injection

01-Pendahuluan

02-Pengenalan-Dependency-Injection

03-Library-Dependency-Injection

04-Membuat-Project

05-Menginstall-Google-Wire

06-Provider

07-Injector

08-Dependency-Injection

09-Error

10-Injector-Parameter

11-Multiple-Binding

12-Provider-Set

14-Struct-Provider

13-Binding-Interface

15-Binding-Values

16-Struct-Field-Provider

17-Cleanup-Function

18-Dependency-Injection-di-RESTful-API

19-Materi-Selanjutnya

# Golang Logging

01-Pendahuluan

02-Pengenalan-Logging

03-Logging-Library

04-Membuat-Project

05-Logger

06-Level

07-Output

08-Formatter

09-Field

10-Entry

11-Hook

12-Singleton

13-Materi-Selanjutnya

# Golang Generics

01-Pendahuluan

02-Pengenalan-Generic

03-Membuat-Project

04-Type-Parameter

05-Multiple-Type-Parameter

06-Comparable

07-Type-Parameter-Inheritance

08-Type-Sets

09-Type-Approximation

10-Type-Inference

11-Generic-Type

12-Generic-Struct

13-Generic-Interface

14-In-Line-Type-Constraint

15-Experimental-Package

16-Materi-Selanjutnya

# Golang Database Migration

01-Pendahuluan

02-Pengenalan-Database-Migration

03-Pengenalan-Golang-Migrate

04-Menginstall-Golang-Migrate

05-Membuat-Project

06-Membuat-Database-Migration

07-Migration-Up

08-Migration-Down

09-Membuat-Database

10-Menjalankan-Migration

11-Migration-State

12-Rollback-Migration

13-Migrasi-ke-Versi-Tertentu

14-Dirty-State

15-Mencoba-Aplikasi

16-Materi-Selanjutnya

# Golang Validation

01-Pendahuluan

02-Pengenalan-Validation

03-Validator-Package

04-Membuat-Project

05-Validation-Struct

06-Validasi-Variable

07-Validasi-Dua-Variable

08-Baked

09-Multiple-Tag-Validation

10-Tag-Parameter

11-Validasi-Struct

12-Validation-Errors

13-Validasi-Cross-Field

14-Validasi-Nested-Struct

15-Validasi-Collection

16-Validasi-Basic-Collection

17-Validasi-Map

18-Validasi-Basic-Map

19-Alias-Tag

20-Custom-Validation

21-Custom-Validation-Parameter

22-Or-Rule

23-Custom-Validation-Cross-Field

24-Struct-Level-Validation

25-Materi-Selanjutnya

# Golang Viper

01-Pendahuluan

02-Pengenalan-Golang-Viper

03-Membuat-Project

04-Membuat-Viper

05-JSON

06-YAML

07-ENV-File

08-ENvironment-Variable

09-Fitur-Lainnya

10-Penutup

# Golang Fiber

01-Pendahuluan

02-Pengenalan-Golang-Fiber

03-Membuat-Project

04-Fiber-App

05-Configuration

06-Routing

07-Ctx

08-HTTP-Request

09-Route-Parameter

10-Request-Form

11-Multipart-Form

12-Request-Body

13-Body-Parser

14-HTTP-Response

15-Download-File

16-Routing-Group

17-Static

18-Pre-Fork

19-Error-Handling

20-Template

21-Middleware

22-Middleware-Lainnya

23-HTTP-Client

24-Penutup

# Golang Object Relational Mapping

01-Pendahuluan

02-Pengenalan-GORM

03-Membuat-Project

04-Setup-Project

05-Database-Connection

06-Raw-SQL

07-Model

08-Model-Convention

09-Field-Permission

10-Embedded-Struct

11-Create

12-Logger

13-Transaction

14-Query

15-Advanced-Query

16-Query-Non-Model

17-Update

18-Auto-Increment

19-Timestamp-Tracking

20-Upsert

21-Delete

22-Soft-Delete

23-Model-Struct

24-Lock

25-One-to-One

26-Auto-Upsert-Relation

27-One-to-Many

28-Belongs-To

29-Many-to-Many

30-Association-Mode

31-Preloading

32-Joins

33-Query-Aggregation

34-Context

35-Scopes

36-Connection-Pool

37-Migrator

38-Hook

39-Performance

40-Penutup

# Golang Redis

01-Pendahuluan

02-Golang-Redis

03-Membuat-Project

04-Client

05-String

06-List

07-Set

08-Sorted-Set

09-Hash

10-Geo-Point

11-Hyper-Log-Log

12-Pipeline

13-Transaction

14-Stream

15-PubSub

16-Penutup