

TIP SHEET

GoLang

Thank you for attending GoLang!

We hope that you picked up some new skills this week! As mentioned in class, it's imperative that you continue learning and sharpening these new skills.

➤ We have assembled some resources to help you learn more about Go. This is a collection of documentation, videos, blog posts, and articles.

- **Defer, panic, and recover**
 - <https://blog.golang.org/defer-panic-and-recover>
- **Slices**
 - <https://blog.golang.org/slices-intro>
 - See attachment(s)
- **Structs, Methods, Method Receivers, and Interfaces**
 - <https://golangdocs.com/structs-in-golang>
 - <https://golangdocs.com/methods-in-golang>
 - <https://tour.golang.org/methods/1>
 - <https://golangdocs.com/interfaces-in-golang>
- **Concurrency**
 - <https://golangdocs.com/concurrency-in-golang>
 - <https://tour.golang.org/concurrency/1>
 - Concurrency Patterns - <https://www.youtube.com/watch?v=f6kdp27TYZs>
 - Advanced Concurrency Patterns - <https://www.youtube.com/watch?v=QDDwwePbDtw>
- **Integrating with HTTP APIs**
 - Gin - <https://pkg.go.dev/github.com/gin-gonic/gin>
 - net/http - <https://pkg.go.dev/net/http>
 - Gorilla mux - <https://pkg.go.dev/github.com/gorilla/mux>
 - Gorilla websocket - <https://pkg.go.dev/github.com/gorilla/websocket>
 - HTTP methods - <https://restfulapi.net/http-methods/>
- **Testing**
 - <https://pkg.go.dev/testing>
 - <https://blog.golang.org/examples>
 - <https://medium.com/@matryer/5-simple-tips-and-tricks-for-writing-unit-tests-in-go-lang-619653f90742>

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VMware | 3401 Hillview Avenue Palo Alto, CA 94304 US | www.vmware.com | (650) 427-5000