package main

папка внутри которой мы работает, все будующие файлы которые мы будем создавать будут находиться в этом пространстве имён

Problem:

PS D:\Education\Go\www> go build

go: cannot find main module, but found .git/config in D:\Education\Go

to create a module there, run:

cd .. && go mod init

Fix:

When you encounter the error message “go: cannot find main module, but found .git/config,” it usually indicates that Go is unable to locate the main module for your project. Here are some steps to resolve this issue:

1. **Initialize a Go Module**:
   * Navigate to your project directory using the terminal.
   * Run the following command to create a go.mod file in the root of your project:
   * go mod init github.com/example/go-app-name
   * Replace github.com/example/go-app-name with the appropriate module name for your project.
2. **Update Your Go Module** (Optional):
   * If you’re inside a Git repository, it’s generally advisable to initialize the module within that repository. This allows Go modules to use information from your remote repository to determine the correct module name.
   * You can do this by running:
   * git init
   * git remote add origin <repository-url>
   * go mod init
   * Alternatively, you can specify the module name directly:
   * go mod init <module-name>

Replace <module-name> with the desired name for your module.

1. **Tidy Up Dependencies**:
   * After initializing the module, run the following command to tidy up your dependencies:
   * go mod tidy
2. **Build Your Program**:
   * Finally, build your program using:
   * go build your-program.go

Remember that using Go modules is generally recommended, especially as it simplifies dependency management and ensures consistency across projects. If you’re just starting out, consider naming your modules following the same structure you would use for a repository (e.g., github.com/example/go-app-name). This convention allows commands like go get to function correctly without manual intervention.

Hope this helps! 🚀