review

Package names must match what?

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What is the exception?

The main package must have ...

The main package must have ...

Can the main package have other functions?

Public/private Question:

You have a package named stringutil.

stringutil has three files:

- a.go
- b.go
- c.go

a.go has

- func reverse(s string) string{}

Can b.go call reverse?

Public/private Question:

You have a package named stringutil.

stringutil has three files:

- a.go
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a.go has

- func reverse(s string) string{}

Can b.go call reverse?

Can func main(){} call reverse?

What does idiomatic mean?

Import Statement

What is the import statement for the stringutil package?

You can answer generally, giving the theory of what it would be.

Go command

How do you lookup the go commands?

Go commands

What is the difference between these go commands:

- go build
  - ○
  - ○
- go install
  - ○
  - ○
- go run
  - ○
  - ○

Go commands

What does 'go get' do?

Go commands

What does 'go get' do?

Give an example of a 'go get' statement:

Go Workspace

What is a go workspace?

What folders does it contain?

How many of them should you have?

Go Workspace

What should be the path to your code after the "src" folder?

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What would be the import statement to this uuid package in your code:

goworkspace/src/github.com/yourGithubUserName/uuid/uuid.go

sha1

What is sha1?

sha1

How do we use sha1?

Answer generally, giving theory, not the specific terminal command.

sha1

What is the command for sha1 that we use at the terminal?

Path variables

What is a path variable?

Path variables

What are the two path variables used by golang which we've discussed?

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What's the difference between these two?

Path variables

Name one file you can modify on a mac to add a path variable:

Documentation

What is the website where you can find official go source code documentation, and documentation about packages other people have written?

Go build

Go build does what when run on a folder containing package main?

Go build

Go build does what when run on a folder containing a library package?

Go install

Go install does what when run on a folder containing package main?

Go install

Go install does what when run on a folder containing a library package?

What do each of these do?

- go version
- go env
- go help
- godoc
- go run
- go build
- go install
- go get
- go fmt

expressions vs statements

What is the difference between an **expression** and a **statement**?