go

30 Dec 2020

20 flashcards made with the [Flashcard Hero](#) app (Mac/iPhone/iPad).

Q: 1

Programs start running in

Q: 2

This program is using the packages with import paths
"fmt"
and
"math/rand"

Q: 3

If we wanted to run a file called
greet.go
, the command will look like:

Q: 4

we'll see our original Go program and executable file.

```
import (
"fmt"
"math/rand"
)
```

A: 2

```
package main
```

A: 1

```
ls
```

A: 4

```
go build greet.go
```

A: 3

Q: 5

To execute the file, we call

Q: 6

run main file in term

Q: 7

Go programs are read from

Q: 8

package main
. This line is called a

A: 5

go run main.go

A: 6

./greet

A: 5

A: 7

package declaration

A: 8

top to down

A: 7

Q: 9

every Go program starts with

Q: 10

import the "fmt" package.

Q: 11

call main func

Q: 12

in main func print hello world, with fmt

A: 10

import "fmt"

A: 9

package declaration

A: 12

```go
func main(){
fmt.Println("Hello World")
}
```

A: 11

```go
func main(){}
```

Q: 13

import 2 packages

Q: 14

assign an alias t for time package

Q: 15

print current time with alias t

Q: 16

single line comment

A: 14

```
import t "time"
```

A: 13

```
import (
  "package1"
  "package2"
)
```

A: 16

```
//
```

A: 15

```
fmt.Println(t.Now())
```

Q: 17	Q: 18
block comment	built-in documentation system
Q: 19	**Q: 20**
check for fmt println documentation	Pull up the documentation for the time package's Now function.

go doc fmt

/* */

go doc time.Now

```
go doc fmt.Println
```