**Golang CLI commands**

1. **go build - compile branch of go source code files**
2. **go run - compiles and execute one or two files**
3. **go fmt- Formats all the code in each file in the current directory.**
4. **go install – compiles and installs a package**
5. **go get- Downloads the raw source code of some else's package**
6. **go test -run any tests associated with the current project.**

* What does package means?

Package main

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**Package Main**

**helper.go**

**Support.go**

**Main.go**

Executable packages

**Package main(main is special)**

Reusablle packages

Defines apackage that can be used as a dependency (helper code)

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Defines apackage that can be compiled and then \*executed\*.Must have a func called ‘main’.

**Package uploader**

**Package calculator**

* What does import “**fmt**”means?

That means if we want to give access to the other packages inside our current package we use keyword “**package (packagename**)”.fmt is a standard library.

Debg ,math,fmt,encoding,crypto,io

* What is func?

Fuc is function.that is keyword.

Func main()

{

}

* How is the main.go file organized?

|  |  |
| --- | --- |
| package main | Package declaration |
| Import “fmt” | Import other packages that we need |
| Func main()  {  Fmt.Println(“hello world”)  } | Declare functions, tell go to do things |