Usage instructions:

- Create your “**Key Pair**” and save the file for **SSH** entry to your server.

- Launch your instance. Wait until the instance passes all the “status checks”.

- Once in the Ubuntu terminal, type at the command prompt to access **root**

```
sudo su
```

- To check Go version use:

```
go version
```

- Next confirm that you’re in the home root directory, use

```
cd ~
```

- Change directories, run

```
cd /usr/local/hello
```

- Once in the **hello** directory, you can manage the dependencies through the code’s own module. This has already been created, so run the following command:

```
go mod init example/hello
```

- Run the text editor using nano:

```
sudo nano hello.go
```

- Change the “fmtPrintln” line (in quotes) to something new to test script.

  For ex: fmt.Println("Hello, This is a test!")

- Save & Exit

- Now test your code to check that it prints, run

```
go run .
```

- You will see **Hello, This is a test!**

Congratulations you have successfully running Go on your server!

Other Optional Tips & Guides

Turning Your Go Code Into a Binary Executable

The go run command compiles and runs the Go package from a list of .go source files from the new hello directory you created and the path you imported. You can also use go build to make an executable file that can save you some time.

Try it out and run go build. Make sure you run this from the same directory where your hello.go file is stored (cd /usr/local/hello):

```
go build
```

Next, run ./hello to confirm the code is working properly:

```
./hello
```

Tutorials

Get started with Go

- https://golang.org/doc/tutorial/getting-started#code

Create a Go module

- https://golang.org/doc/tutorial/create-module