***Concepts of GoLang programming language***

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**Understanding the basic GoLang program:**

1. package main // To run executable files we use package main
2. import “fmt” // “format” is a standard library in GoLang
3. func main(){ // Function declaration
4. fmt.Println(“Hi there!”)
5. }

**import “fmt” –** This is like linking formally and this statement gives access to package main

**Main differences between “go run”, “go build”, “go test” and “go fmt”:**

go run

* Compile and execute the program

go build

* Just compile

go test

* Run and execute test files

go fmt

* To automatically format code inside

**Types of packages in GoLang:**

**Executable**: Generates a file that we can run

**Reusable**: Code is used as ‘helpers’. Good place to put reusable logic

A close up of a sign

Description automatically generated

**Variable declarations:**

Variables should always be assigned inside function body to use, but they can be initialized outside function body. Here are few examples

**bool**

**string**

**int**

**float 64**