**Go program structure**

It contains following parts

Package declaration

Import packages

Functions

Variables

Statements and expressions

Comments

Go will runs with packages

Each package has its path and name associated with it

**Token in go**

Token is either keyword, an identifier, constants, string literature, or a symbol

For ex below statement consists of six tokens

fmt.Println(“Hello World!”)

For example individual tokens are

Fmt

Println

(

“Hello World”

)

**Line separator**

fmt.Println(“Hello, WOrld”)

fmt.Println(“I am in go programming world!”)

**Comments**

/\* my first program in go \*/

**Identifier**

Identifier = letter {letter | unicode\_digit}.

Go does not allow the punctuation character such as @, $, %

Go is the case sensitive programming language

Thus Manpower and manpower are 2 different identifiers

Here are some of the acceptable identifiers

mahesh kumar abc move\_name a\_123

myname50 \_temp j a3b9  retvl

**Keywords in go**

break

default

func

interface

select

case

defer

Go

map

Struct

chan

else

Goto

package

Switch

const

fallthrough

if

range

Type

continue

for

import

return

Var

**Whitespaces in Go**

It will used in go to describe blanks, tabs, new line characters and comments etc.

Line containing only white spaces possibly with a comments is known as blank line

var age int;

fruit = apples + oranges;   //Get the total fruits

No white spaces is necessary between fruit and =  or between = and apples

It is free to include if you wish for readability purposes