**INTRODUCTION TO GOLANG**

**Structure of Go script**

package main //package declaration

import “fmt” //import statement

func main() { //function declaration

//statements

}

**Variables in Go Language::**

int8 – represents 8 bit integer

int – depends on the machine (takes 32 bit wide on 32 bit system and 64 bit wide on 64 bit system)

bool

string

float34, float64

**Variable Declaration**

Variables in Go language are declared using “var” keyword.

Example::

var age int

**Declaring multiple variables**

var (

age int

firstname string

lastname string

)

**Declaring multiple variables of same type**

var (

firstname,lastname string

age int

)

**Conditional Statements::**

**If statement**

If (condition) {

//statement

}

**If..else statement**

If (condition) {

//statement

} else {

//statement

}

**If..else if statement**

If (condition) {

//statement

} else if {

//statement

} else if {

//statement

} …. Else {

//statement

}

**Switch statement**

**Looping Statement::**

Only one looping statement in golang

For looping statement