var arr1 [5]int = [5]int {1, 2, 3, 4, 5}   arr2 := [...]int{1, 2, 3, 4, 5}

var1, var2, var3 = function()

functions can have mutliple returns

fnc main () { the bracket must be in the same line with main declaration

in the function definition arrays but have a known size

Varaible Declairations:
var i int
var f float64
var b bool
var s string

Can us **:=** for short varriable decalaration

function()(int, int, int){ return expr1, expr2, expr3}

var is at the begginning of the declaration

var data int = 5

var 1, var2, var3 := exp1, exp2, exp3

import "fmt" or import("fmt" "math")

Program must occur in **package main**

Left to right declartion

len(arr1) = the length of the array

arrays

if statement

GO

Data type declaration

pointers to an array pointto entire array not first element

array arithmetic does not work

no braces but still need bracket

first time assigning variable

cannot do ++x, --x

curly brackes must be on same line as conditional statement

use :=