Examples from Alvin Alexander book

Syntax:

val sumnum=(a:Int,b:Int) => a+b (val equal to VARs => operation)

2) Convert Def to Variable

def triple(i:Int) = i\*3 //not a variable

val tripleV=triple \_ // int=>Int Partially applied Funtion

tripleV(3) ///o.k

vs

triplev=(i:Int) => i\*3 //variable

// Replacing Imperative for loops with built in functions (filter,map, head,tail ..)

Val l = List.range(0,10)

l.filter(isEven ) // val isEven =(i:Int)=> i%2==0

3) Passing functions to Functions /// hint: name it

scala> def sayHello(callback:()=>Unit) {

| callback()

| }

sayHello: (callback: () => Unit)Unit