Given a list of numbers - List[Int] (1, 2, 3, 4, 5, 6, 7, 8, 9, 10)

- find the sum of all numbers

- find the total elements in the list

- calculate the average of the numbers in the list

- find the sum of all the even numbers in the list

- find the total number of elements in the list divisible by both 5 and 3

***package*** *firstpackage*

***class*** *ListScala{*

***var*** *x = List[Int](1, 2, 3, 4, 5, 6, 7, 8, 9, 10)*

*println(x)*

***var*** *lsum = x.sum*

***var*** *llength = x.length*

***var*** *lavg = lsum / llength*

*println("The sum of List is= "+lsum)*

*println("The count of List is= "+llength)*

*println("The avg of List is= "+lavg)*

***var*** *intSum = 0*

***for****(varx <- x){*

***if****(varx % 2 == 0){*

*intSum = intSum + varx*

*// println("even number in the list is"+varx);*

*}*

*}*

*println("Even Numbers Sum= "+intSum);*

***var*** *diviByCount = 0*

***for****(varx <- x){*

***if****(varx % 3 == 0 && varx % 5 == 0){*

*diviByCount = diviByCount + 1*

*println("number divi by 5 and 3 is"+varx);*

*}*

*}*

*println("Count divisible by 5 and 3 = "+diviByCount)*

*}*

***object*** *MainObject4{*

***def*** *main(args:Array[String]){*

***var*** *x =* ***new*** *ListScala()*

*}*

*}*

