Module sort\_ranking(in soldPackage,in packageName,in ticketsold)

outer=1

While outer<=6

Inner=outer+1

While inner<=6

If soldPackage[inner]>soldPackage[outer]

temporary=soldpackage[inner]

soldPackage[inner]=soldPackage[outer]

soldPackage[outer]==temporary

temp=packageName[inner]

packageName[inner]=packageName[outer]

packageName[outer]=temp

End if

inner++

outer++

End while

End while

packageName[1]+ soldPackage[1]

packageName[2]+ soldPackage[2]

packageName[3]+ soldPackage[3]

packageName[4]+ soldPackage[4]

packageName[5]+soldPackage[5]

packageName[6]+ soldPackage[6]

" "

"--------------------------------------------------------------------------------------------------------------------------------------"

"Residency ranking: "

“ “

Calculate totalSingaporean=ticketSold[1]+ticketSold[2]+ticketSold[3]+ticketSold[6]+ticketSold[7]+ticketSold[8]+ticketSold[11]+ticketSold[12]+ticketSold[13]+ticketSold[16]+ticketSold

Calculate totalNonSingaporean=ticketSold[4]+ticketSold[5]+ticketSold[9]+ticketSold[10]+ticketSold[14]+ticketSold[15]+ticketSold[19]+ticketSold[20]+ticketSold[21]+ticketSold[22]+ticketSold

If totalSingaporean==totalNonSingaporean

Display "Singapore Resident: "+totalSingaporean”

Display "Non-Singapore Resident: "+totalNonSingaporean”

Else

If totalSingaporean>totalNonSingaporean

Display "Singapore Resident: "+totalSingaporean”

Display "Non-Singapore Resident: "+totalNonSingaporean”

Else

Display "Non-Singapore Resident: "+totalNonSingaporean”

Display "Singapore Resident: "+totalSingaporean”

End if

“ “

"--------------------------------------------------------------------------------------------------------------------------------------"

“Age ranking: “

“ “

Calculate totalAge[1]= ticketSold[1]+ticketSold[4]+ticketSold[6]+ticketSold[9]+ticketSold[11]+ticketSold[14]+ticketSold[16]+ticketSold[19]+ticketSold[21]+ticketSold[23]+ticketSold[26]

Calculate totalAge[2]= ticketSold[2]+ticketSold[5]+ticketSold[7]+ticketSold[10]+ticketSold[12]+ticketSold[15]+ticketSold[17]+ticketSold[20]+ticketSold[22]+ticketSold[24]+ticketSold[27]

totalAge[3]= ticketSold[3]+ticketSold[8]+ticketSold[13]+ticketSold[18]+ticketSold[25]

totalAge[4]= ticketSold[28]

nameAge[1]= "Adult: "

nameAge[2]= "Child: "

nameAge[3]= "Senior Citizens: "

nameAge[4]= "Toddler: "

outer=1

While outer<=4

Inner+outer+1

While inner<=4

If totalAge[inner]>totalAge[outer]

temporary=totalAge[inner]

totalAge[inner]= totalAge[outer]

totalAge[outer]= temporary

temp= nameAge[inner]

nameAge[inner]= nameAge[outer]

nameAge[outer]= temp

End if

inner++

outer++

End while

End while

nameAge[1] +totalAge[1]

nameAge[2] +totalAge[2]

nameAge[3] +totalAge[3]

nameAge[4] + totalAge[4]

Return