**DEBUG07-02-JonathanLee.txt**

// Littleville High School Senior Class Fundraiser File Merge

// Merging Homeroom A and B files into one, sorted by contribution value (descending)

start

Declarations

string roomAName

num roomAValue

string roomBName

num roomBValue

string bothFilesDone = "N"

num HIGH\_VALUE = 999999

InputFile roomAFile

InputFile roomBFile

OutputFile mergedFile

getReady()

while bothFilesDone != "Y"

detailLoop()

endwhile

allDone()

stop

getReady()

open roomAFile "roomAFile.dat"

open roomBFile "roomBFile.dat"

open mergedFile "mergedFile.dat"

readA()

readB()

checkBoth()

return

readA()

input roomAName, roomAValue from roomAFile

if eof roomAFile then

roomAValue = HIGH\_VALUE

endif

return

readB()

input roomBName, roomBValue from roomBFile

if eof roomBFile then

roomBValue = HIGH\_VALUE

endif

return

checkBoth()

if roomAValue = HIGH\_VALUE AND roomBValue = HIGH\_VALUE then

bothFilesDone = "Y"

endif

return

detailLoop()

if roomAValue >= roomBValue then

output roomAName, roomAValue to mergedFile

readA()

else

output roomBName, roomBValue to mergedFile

readB()

endif

checkBoth()

return

allDone()

close roomAFile

close roomBFile

close mergedFile

return