start

Declarations

InputFile geraldsBusinesses

InputFile geraldinesBusinesses

OutputFile mergedFile

string geraldName

num geraldsBusinesses

string geraldineName

num geraldinesBusinesses

string END\_NAME = “ZZZZZZ”

string areBothatEnd = “N”

getReady() #This launches the getReady()module

while areBothAtEnd <> “Y” #This will trigger mergeRecords() as long as name files do no equal ZZZZZZ

mergeRecords() #This launches the mergeRecords() module

endwhile #ends the loop for the areBothAtEnd <> “Y”

finishUp() #Launches the finishUp() module

stop

getReady()

open geraldsBusinesses “Geralds\_Businesses.csv” # reads from the Geralds\_Businesses.csv file and copies it into memory

open geraldinesBusiness “Geraldines\_Businesses.csv” # reads from the Geraldines\_Businesses.csv file and copies it into memory

open mergedFile “Clients.csv” # reads from the Clients.csv file and copies it into memory

readGerald() #launches the readGerald() module

readGeraldine() #launches the readGeraldine() module

checkEnd() #launches the checkEnd() module

return

readGerald()

input geraldName, geraldBalance from geraldBusinesses # inputs the data into the file

if eof then

geraldName = END\_NAME # if geraldName = ZZZZZZ then readGerald() module ends

end if

return

readGeraldine()

input geraldineName, geraldineBalance from geraldineBusinesses # inputs the data into the file

it eof then

geraldineName = END\_NAME # if geraldineName = ZZZZZZ then readGeraldine() module ends

endif

return

checkEnd()

if geraldName = END\_NAME then

if geraldineName = END\_NAME then

areBothAtEnd = “Y”

endif

endif

return

mergeRecords()

if geraldName , geraldineName then

output geraldName, geraldBalance to mergedFile

readGerald()

else

output geraldineName, geraldineBalance to mergedFile #This puts the data in order into the merged file of Clients.csv

readGeraldine()

endif

checkEnd()

finishUp()

close geraldsBusinesses #closes the Geralds\_Businesses.csv file

close geraldinesBusinesses #closes the Geraldines\_Businesses.csv file

close mergedFile #Closes the Clients.csv file

return