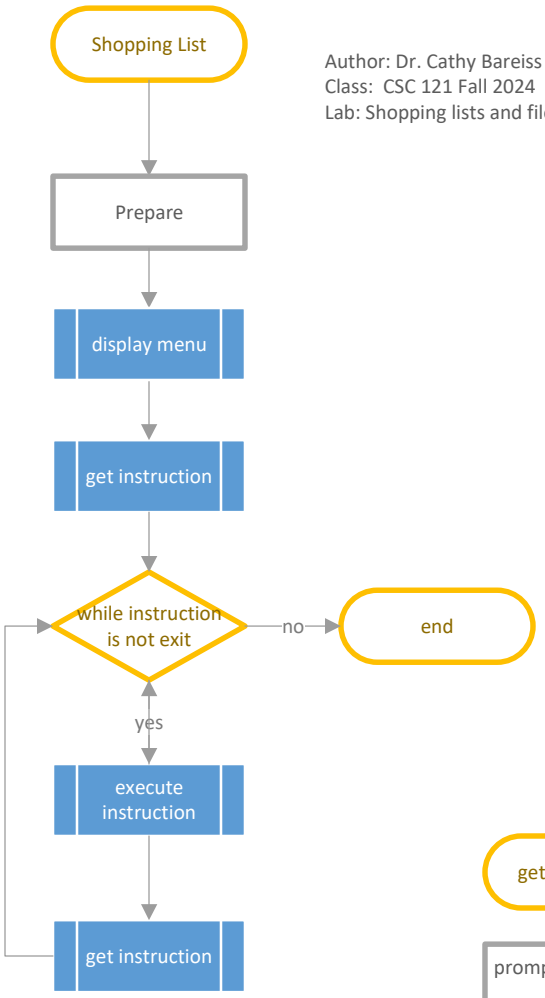
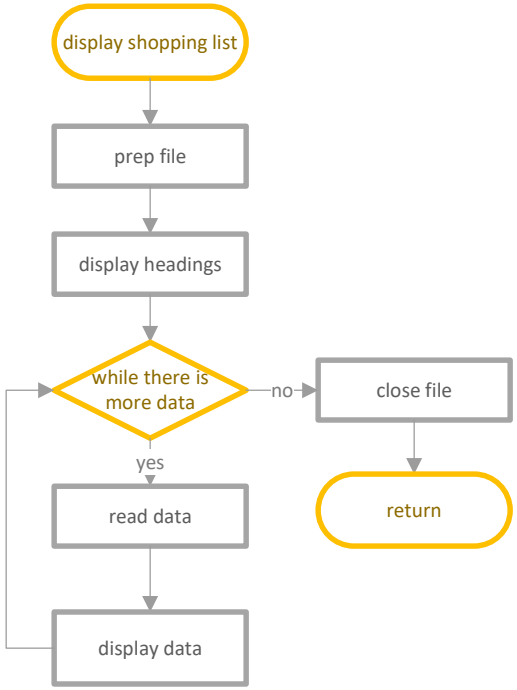
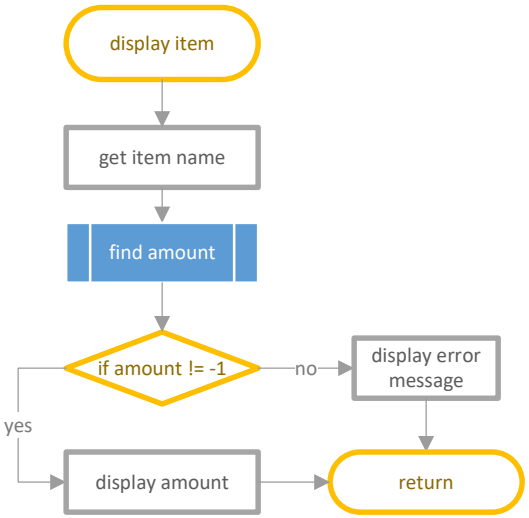
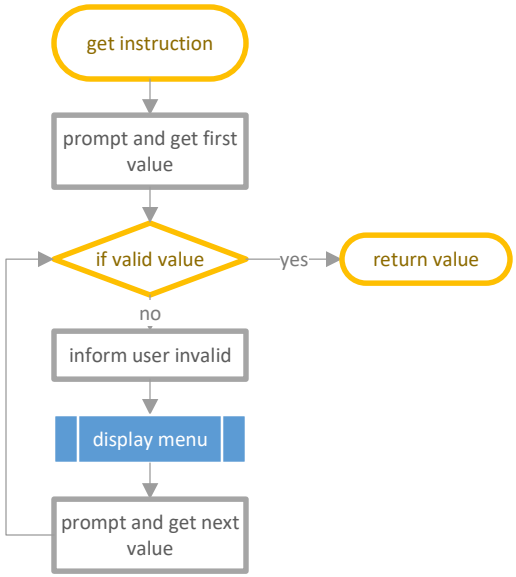
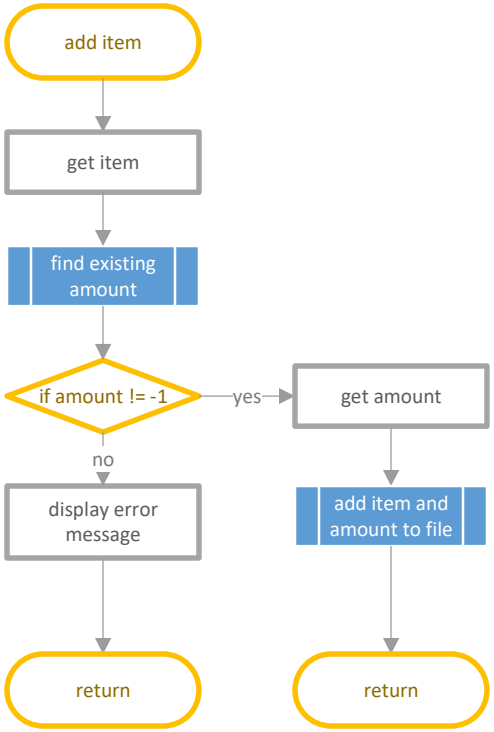
Author: Dr. Cathy Bareiss
Class: CSC 121 Fall 2024
Lab: Shopping lists and files

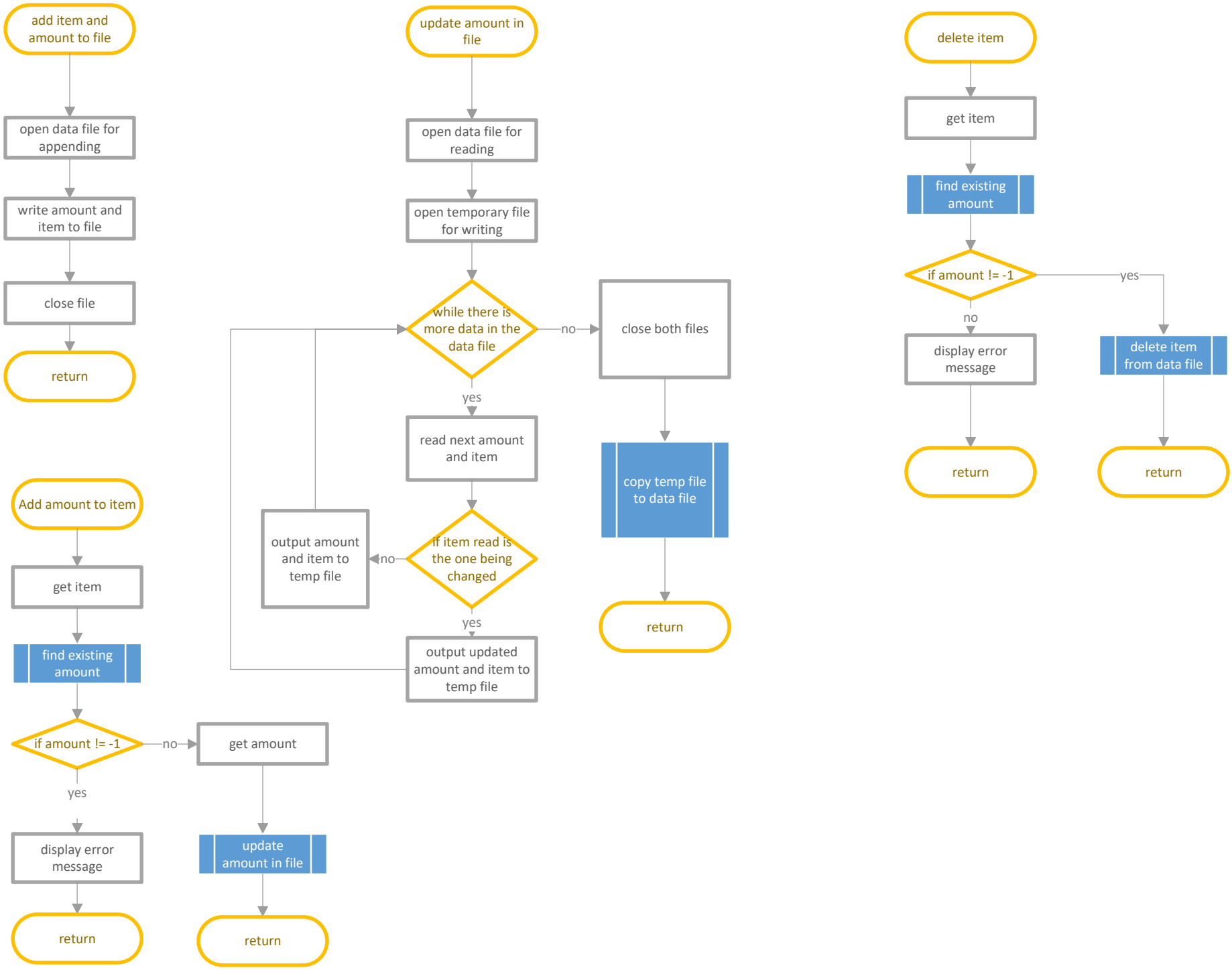


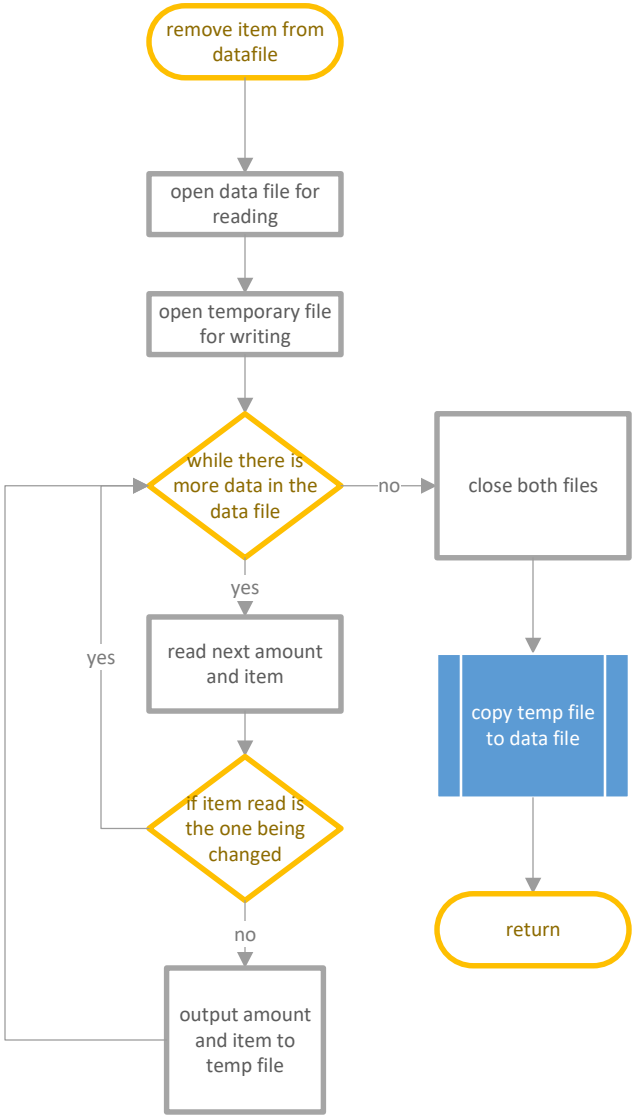


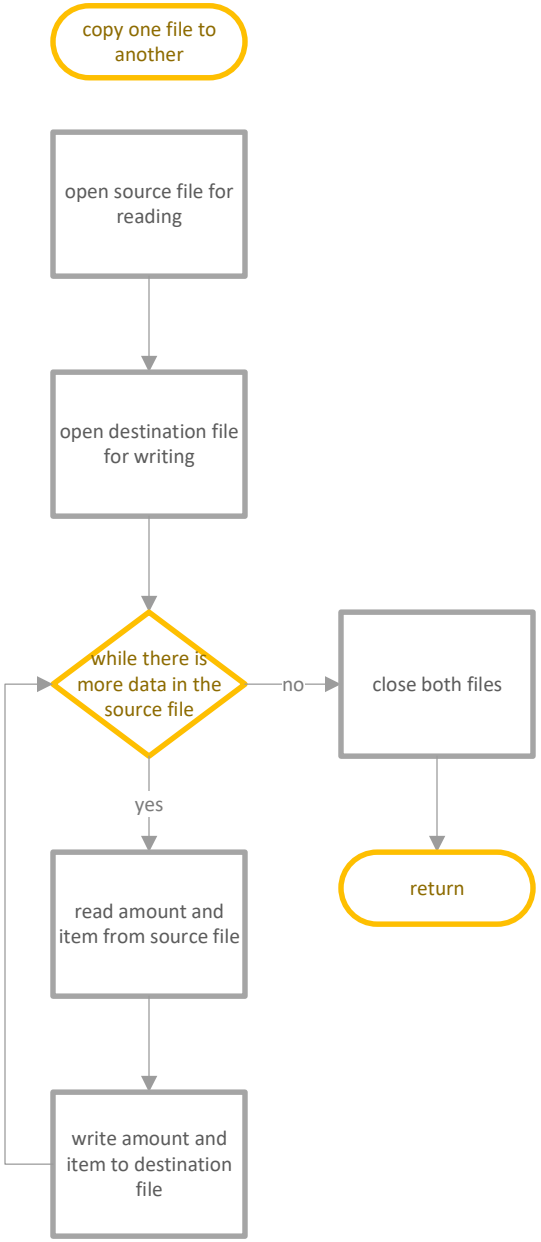







add item and amount to file
open data file for appending
write amount and item to file
close file
return
update amount in file
open data file for reading
open temporary file for writing
while there is more data in the data file
no
close both files
yes
read next amount and item
if item read is the one being changed
no
output amount and item to temp file
yes
output updated amount and item to temp file
copy temp file to data file
return
delete item
get item
find existing amount
if amount != -1
yes
no
display error message
delete item from data file
return
return
Add amount to item
get item
find existing amount
if amount != -1
no
get amount
yes
display error message
update amount in file
return
return


remove item from datafile
open data file for reading
open temporary file for writing
while there is more data in the data file
no
close both files
yes
read next amount and item
yes
if item read is the one being changed
no
output amount and item to temp file
copy temp file to data file
return


copy one file to another
open source file for reading
open destination file for writing
while there is more data in the source file
no
close both files
yes
read amount and item from source file
write amount and item to destination file
return