NOTE:
PASS THE NAME OF THE PHONE BOOK TO EACH OF THE SUBROUTINES AS A COMMAND LINE ARGUMENT OR AN EXPORTED VARIABLE.
START

INITIALIZE CHOICE

ADD MORE ENTRIES

GET NAME & NUMBER

SHOW NEW ENTRY TO USER

VERIFY OK TO ADD ENTRY

OK TO ADD

ADD ENTRY TO FILE

NO

SHOW "ADD MORE?" AND GET CHOICE

A

YES

EXIT
START

SHOW LIST SUBMENU

GET MENU CHOICE

CHOICE = 1?

GET NAME TO LIST

SHOW MATCHING LINES

SHOW USER HELP ABOUT PAGING

PAUSE & WAIT FOR ENTER

SHOW FILE WITH PAGING

PAUSE & WAIT FOR ENTER

EXIT
PSEUDOCODE FOR CHANGE PGM

Initialize

while changes = 'y'

get name to change from user.
show all lines from file that match.
count matching lines.
if line count > 0
then
ask user for line # to change.
store the line in a temp file.
ask for choice of changing 1) name or 2) number
if choice = 1
then
cut name from old line
ask user for new name.
delete old line
add new line containing new name: old number
else

cut name from old line
ask user for new number
delete old line
add new line containing old name: new number
endif
else
show "no match" error message
endif
prompt for "more changes?"
get changes
endif