Stephanie Wyckoff  
CSc 3320 Programming Challenge #13  
Account: swyckoff1  
Due date: 10/11/16

#!/bin/bash

#pc13.bash

#Stephanie Wyckoff

#Account: swyckoff1

#CSC 3320

#Programming Challenge #13

#Due Date: 29 Nov 16

#Descripion: This program takes in two arguments. One is a file name, the other a word. If the the file name is a directory or a socket, echo an error to the sscreen. Otherwise, state that the file is valid and echos back the second argument.

#Input: file name and a word.

#Output: If the file name is valid, state that the file is valid. If the second argument is provided, echo the word. Otherwise print out warning messages.

if [ -a "$1" ]; then

if [ -d "$1" ]; then

echo "This is a directory file. Please use a regular file."

else

if [ -s "$1" ]; then

echo "The file is not a directory. The file size is greater than zero."

else

echo "The files size is not greater than zero."

fi

fi

fi

if [ -z "$2" ]; then

echo"Please enter a second argument."

else

echo"The word is $2"

fi

pattern="\*.c"

filelist=`grep -l $pattern`

for items in {$filelist[\*]}

do

echo $items

done

[GSUAD\swyckoff1@snowball ~]$