#!/bin/bash

#

#

# Script Name : Listlarge.sh

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# Date: 20/06/2014

#

# Exitting Function For Script

# (This Function allocates a process ID number To The Script which is Launched, to the variable $TOP\_PID. So when the "closeloop6" Function is activied, within the script, it then kills that process ID. # which is this script, which in turn shut down or terminates the current script running.)

#

#

**trap** "exit 1" **TERM**

**export TOP\_PID=$$**

**function** closeloop6()

{

**echo ""**

**kill -s TERM $TOP\_PID**

}

#

#

# Testing code ls -shSQI \*.\* | head -1

#

#

# ls -hSiQ -l \*.\* | cut -f6 -d" " | cut -f7 -d" " | head -1 # List largest file size, may need to set it to a variable like '$r'

#

# ls -QI \*.\* | head -1 # List the name of the file.

# ls -SQI -l \*.\* | cut -f1 -d" " | head -1 #list file 2

#

# du -h \*.\* | sort | head -1 # another way of finding the largest file in your director

#

#

# Actual Script Starts for Listlarge.sh

#

# Variable for locating the largest file in the directory and print its size to the screen

#

**STORE** Size filesize=`ls -hSiQ -l \*.\* | cut -f6 -d" " | head -1`

#

# Variable for locating the largest file in the directory and print its file name to the screen

#

**STORE** filename=`ls -SQI \*.\* | head -1`

#

#

#Colour Variables

#

**SET** Colour Wh='\e[0;37'm # White Default Colour

#

**SET** Colour BR='\e[1;31'm # Red options

**SET** Colour BG='\e[1;32'm # Green Selection

**SET** Colour BP='\e[1;35'm # Purple Display titles

**SET** Colour BB='\e[1;34'm # Blue exit

**SET** Colour BY='\e[1;33'm # Yellow mistakes

#

#

# While Loop Variable in order to loop and exit the menu.

#

**SET** Loop exloop6=8

#

#

# The Mini Main for the Listlarge.sh

#

**CLEAR Screen**

**DISPLAY** ""

**DISPLAY** ""

**DISPLAY -e** "${BP} This script will list the largest file and it size for `whoami` in `pwd` ${Wh}"

**DISPLAY**

**DISPLAY** ""

**DISPLAY** ""

**DISPLAY -e** " ${BP}New Main Below${Wh} "

**DISPLAY** "-----------------------------------------------------------"

**DISPLAY** " "

**DISPLAY -e** " Please type ${BR}(Refresh)${Wh} to refresh current selection "

**DISPLAY** " "

**DISPLAY -e** " Please type ${BR}(Quit)${Wh} to Quit Program "

**DISPLAY** " "

**DISPLAY** " "

**DISPLAY** -e " Please type${BR}(Menu)${Wh} to return to Main Menu. "

**DISPLAY** " "

**DISPLAY** -e " Please type${BR}(Listlargest)${Wh} to list the largest file, in "

**DISPLAY** " `pwd` for `whoami`! "

**DISPLAY** " "

**DISPLAY -e** " ${BR}Please type your selection in below.${Wh} "

**DISPLAY** "\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_"

**DISPLAY** ""

#

# The Case Statement’s for the Mini Menu above selections

#

**READ** menu5

**CASE** "menu5"

#

# The Listlargest script launch case variable for mini menu

#

**INPUT** [Ll]istlargest)

**CLEAR Screen**

**DISPLAY** ""

**DISPLAY -e** " Finding largest File in ${BR}`pwd`${Wh} "

**DISPLAY** ""

**WAIT 2**

**DISPLAY** ""

**DISPLAY** ""

**DISPLAY** ""

**DISPLAY -e** "${BR}$filesize${Wh}" "${BG}$filename${Wh}"

**WAIT 2**

**DISPLAY**

**DISPLAY**

**DISPLAY**

**DISPLAY -e** " Please press ${BR}enter${Wh} to continue "

**READ** enter

**EXECUTE**

./listlarge.sh

;;

#

# The Refresh Case Statements variable for mini menu

#

**INPUT** [Rr]efresh)

**DISPLAY** ""

**DISPLAY -e** " ${BG}Selection is refreshed${Wh} "

**DISPLAY** ""

**CLEAR Screen**

**EXECUTE**

./listlarge.sh

;;

#

# The Main Menu Statements to return back to menu.sh

#

**INPUT** [Mm]enu)

**CLEAR Screen**

**DISPLAY** ""

**DISPLAY -e** " ${BG} Returning back to Main Menu Now${Wh} "

**DISPLAY** ""

**DISPLAY** ""

**WAIT 2**

**EXECUTE**

./menu.sh

;;

#

# The Quit Statement to quit Listlarge.sh

#

**INPUT** [Qq]uit)

**DISPLAY** ""

**DISPLAY -e** " ${BB}Program will Quit${Wh} "

**DISPLAY** ""

**CLEAR Screen**

**DISPLAY** ""

**DISPLAY -e** " ${BB} Exiting....................................................................................${Wh} "

**DISPLAY** ""

**DISPLAY** ""

**CALL FUNCTION** closeloop6

SET Loop exloop6=1

;;

#

# This is not an option selection for the mini menu in listlarge.sh

#

**INPUT** Any Other Character (**\***)

**CLEAR Screen**

**DISPLAY** ""

**DISPLAY -e** " ${BY} This is not an Selection ${Wh} "

**DISPLAY** ""

**DISPLAY** ""

**WAIT 4**

**EXECUTE**

./listlarge.sh

;;

**ENDCASE**

**ENDO**