#!/bin/bash

#

# Script Name : Help.sh

# Author: Ashley Garam

# 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 "closeloophelp" 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 closeloophelp**()

{

**echo ""**

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

}

#

#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

#

#

#

# Actual Script For Help.sh Below!

#

# While loop Variable Below

#

**SET** Loop helpmenuloop=0

#

# While Loop Starts

#

**DOWHILE** [ helpmenuloop = 9 ]

**CLEAR Screen**

**DISPLAY**

**DISPLAY**

**DISPLAY -e** " ${BP} This Is An Help Menu, Explaining All the Functions of The Main Menu Script Program!!! ${Wh}"

**DISPLAY -e** " ${BR}(Page 1)${Wh} "

**DISPLAY**

**DISPLAY**

**DISPLAY** " Hello $USER "

**DISPLAY**

**DISPLAY**

**DISPLAY**

**DISPLAY -e** " ${BR}Menu.sh. The Main Menu :${Wh} This is the Main Menu Program which lists in a brief detail what each Selection From the Main menu will do! "

**DISPLAY** " This is a pretty Simple Program, Basically to load the main menu program you type ./menu.sh. at the directory "

**DISPLAY** " were you have installed it to (Which is `pwd`)."

**DISPLAY** " And then a Menu will load up with 8 Selections. Which will be explained below. "

**DISPLAY**

**DISPLAY** " Once the Menu has loaded, Just Activate each Selection from the menu, by typing in the corresponding number. "

**DISPLAY** " (eg: 1,2,3,4,5,6,7, 8 ) All of these Functions are highlighted 'Red' Throughout the Program "

**DISPLAY** " There are also corresponding words throughout the program, which are highlighted 'Red' to. Which can activate "

**DISPLAY** " different functions, or close down the existing program. (eg : Quit, Refresh, q ,Q , Menu etc )."

**DISPLAY** " These all must be typed in correct spelling as show, otherwise the program will said 'That this is not "

**DISPLAY** " an Option', and reload the menu again waiting for an selection which match that menu, which is shown!!!. "

**DISPLAY** ""

**DISPLAY -e** " ${BR}Topten.sh TopTen:${Wh} This is a Program which show the TopTen Users who Have Login into you server, or pc Recently. "

**DISPLAY** " All it does is load, and prints the TopTen Users, with the Total amount of times they have login in, on the to "

**DISPLAY** " Left hand side, of the screen. And also shows they Name on the right hand side of the screen."

**DISPLAY** " Once that has been shown it will then, bring up a line ask weather you would like to Refresh or reload the current"

**DISPLAY** " function. Return Back to Main Menu, Or Quit to Command Prompt. Once you have typed in the corresponding"

**DISPLAY** " word ( Highlighted Red ), it will perform that Function."

**DISPLAY**

**DISPLAY -e** " ${BR}VPN.sh VPN:${Wh} This is a Program which adds up the Total amount of users who have login. And Then it Sorts out all the user who"

**DISPLAY** " have login through VPN ( Virtual Private Network ). Then it will print out a percent, of VPN Users who Login into"

**DISPLAY** " this computer"

**DISPLAY**

**DISPLAY -e** " Please Press ${BR}(Enter)${Wh}, To show page 2 of Help Menu. "

**DISPLAY**

**DISPLAY**

**#**

**#**

**#**

**READ** page2

#

#

#

**WAIT 2**

**CLEAR Screen**

**DISPLAY**

**DISPLAY -e** " ${BP}Help Menu${Wh} ${BR}(Page 2),${Wh} ${BP}Explaining All the Functions of The Main Menu Script Program!!!${Wh} "

**DISPLAY**

**DISPLAY**

**DISPLAY -e** " ${BR}Fileinfo.sh & ${Wh} "

**DISPLAY -e** " ${BR}Disrwxmenu.sh FileInfo :${Wh} These are two programs. The 'Disrwxmenu.sh' file is, basically a Sub Menu Program for the fileinfo.sh program. This just"

**DISPLAY** " loads up a second menu selection, which corresponded to Loading, Quitting, Refreshing the FileInfo.sh Program. Or Returning "

**DISPLAY** " Back to the Main Menu."

**DISPLAY**

**DISPLAY** " The 'Fileinfo.sh' is a program, which analyse the Permissions (Read, Write & Execute) of all the files in the current "

**DISPLAY** " directory (`pwd`),"

**DISPLAY** " and copy’s the results to the corresponding files (r\_Finfo.txt 'Read Files', rw\_Finfo.txt 'Read & Writable,'"

**DISPLAY** " rwx\_Finfo.txt 'Read, Write & Executable', w\_Finfo.txt 'Writeable', and x\_Finfo.txt 'Execute Files')."

**DISPLAY**

**DISPLAY -e** " ${BR}Listlargest.sh :${Wh} This is a program which locates the largest file within the current directory "

**DISPLAY** " (`pwd`), and prints the size & name matching"

**DISPLAY** " that file to the screen."

**DISPLAY**

**DISPLAY -e** " ${BR}Userinfo.sh :${Wh} This is a Program which Prints a message with a Terminal Number or ID, Date, the current user ( $USER )"

**DISPLAY** " Home Directory,"

**DISPLAY** " The name of the current user, using this computer ($USER), and the total number of users who have currently loged in to"

**DISPLAY** " the computer or server a that time. And then it prints all that info to the screen."

**DISPLAY**

**DISPLAY -e** " ${BR}Filetype.sh &${Wh} "

**DISPLAY -e** " ${BR}Filetype\_Msub.sh :${Wh} These are two Programs. The 'Filetype\_Msub.sh' file is , basically a Sub Menu Program for the Filetype.sh program. This "

**DISPLAY** " just loads up a second menu selection, which corresponded to Loading, Quitting, Refreshing the FileInfo.sh Program. Or "

**DISPLAY** " Returning Back to the Main Menu."

**DISPLAY**

**DISPLAY** " The 'Filetype.sh' is a program, which asks for the user to input or type the location of a current Directory and then,"

**DISPLAY** " it checks if that directory exists, if it doesn’t exist, it will show you that it doesn’t exist. But if it exists, it "

**DISPLAY** " will print out the location and the total contents within that location. In order of Directories First, the Files."

**DISPLAY**

**DISPLAY** " The Second Selection of that program, also asks for the user to put in the current name of a file within the current "

**DISPLAY** " directory (which is `pwd`),"

**DISPLAY** " and it will check if it exists. If it does exist, it will then print out the contents within, "

**DISPLAY** " that file to the screen. So that the user can analyse the contents within that current file."

**DISPLAY**

**DISPLAY**

**DISPLAY**

**DISPLAY**  " This is the end of the Help Menu."

**DISPLAY**

**DISPLAY -e** " If You have any questions or problems, Please email : ${BG}Ashley Garam (7729537@student.swin.edu.au) ${Wh}"

**DISPLAY**

**DISPLAY**

**DISPLAY**

**DISPLAY -e** " To Exit Type ${BR}(Quit) ,${Wh} or to go back to Main Menu, Type ${BR}(Menu), ${Wh} Or Type ${BR} (Refresh) ${Wh} to Refresh current menu. "

**DISPLAY** ""

**DISPLAY** " "

#

# The Lines below are all the Input variables for the menu.

#

**READ** helpmenuexit

**CASE** "helpmenuexit"

#

# IF Input is Menu or menu then do below.

#

**INPUT** [Mm]enu)

**WAIT 2**

**DISPLAY** ""

**DISPLAY -e** " ${BG} $USER will go back to Main Menu${Wh} "

**DISPLAY**  ""

**DISPLAY** ""

**DISPLAY** ""

**DISPLAY** ""

**DISPLAY** " "

**WAIT 2**

**EXECUTE**

./menu.sh

;;

#

# IF Input is Quit or quit then do below.

#

**INPUT** [Qq]uit)

**WAIT 2**

**DISPLAY** ""

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

**DISPLAY** ""

**DISPLAY** ""

**DISPLAY** ""

**DISPLAY** ""

**DISPLAY** " "

**WAIT 2**

**CLEAR Screen**

**DISPLAY** ""

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

**DISPLAY** ""

**DISPLAY** ""

**DISPLAY** ""

**DISPLAY** ""

**DISPLAY** ""

**CALL FUNCTION closeloophelp**

**SET** Loop helpmenuloop=8

;;

#

# If Input is Refresh or refresh then do below!

#

**INPUT** [Rr]efresh)

**WAIT 2**

**DISPLAY** ""

**DISPLAY -e** " ${BG} Selection is refreshing NOW >>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>${Wh} "

**DISPLAY**  ""

**DISPLAY** ""

**DISPLAY** ""

**DISPLAY** ""

**DISPLAY** ""

**CLEAR Screen**

**WAIT 2**

**SET** Loop helpmenuloop=9

;;

#

# IF Input doesn’t match the Help.sh Menu selection then Display Below, and start the DoWhile loop again.

#

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

**CLEAR Screen**

**WAIT 2**

**DISPLAY** ""

**DISPLAY -e** " ${BY} That is not an option.${Wh} "

**DISPLAY**  ""

**DISPLAY** ""

**DISPLAY** ""

**DISPLAY** ""

**DISPLAY** ""

**WAIT 2**

**DISPLAY** ""

**DISPLAY** ""

**DISPLAY** ""

**DISPLAY** ""

**WAIT 1**

**SET** Loop helpmenuloop=9

;;

#

# Ends the CASE Help.sh selection

#

**ENDCASE**

**ENDO**