#!/bin/bash

#

#

# Script Name : Disrwxmenu.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 "closeloop5" 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** closeloop5**()**

{

**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

#

#

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

#

**SET** Loop exloop5=4

#

# While Loop Starts

#

**DOWHILE** [ $exloop5 = 4 ]

#

# Displays a Menu

#

**CLEAR Screen**

**DISPLAY**

**DISPLAY**

**DISPLAY**

**DISPLAY -e** "${BP}This script Displays the Results Of the Read & Write files in $pwd Directory${Wh}"

**DISPLAY**

**DISPLAY**

**DISPLAY**

**DISPLAY -e** " ${BP} Display Read, Write ,Execute Files Menu Below ${Wh} "

**DISPLAY**

**DISPLAY**

**DISPLAY**

**DISPLAY**

**DISPLAY** " To Display Files with ${BR}Read Permissions${Wh} to $whoami Type ${BR}(Rfile)${Wh} "

**DISPLAY**

**DISPLAY -e** " To Display Files with ${BR}Write Permissions${Wh} to $whoami Type ${BR}(Wfile)${Wh} "

**DISPLAY**

**DISPLAY**

**DISPLAY -e** " To Display Files with ${BR}Read & Write Permissions${Wh} to $whoami Type ${BR}(RWfile)${Wh} "

**DISPLAY**

**DISPLAY**

**DISPLAY -e** " To Display Files with ${BR}Read & Execute Permissions${Wh} to $whoami Type ${BR}(RXfile)${Wh} "

**DISPLAY**

**DISPLAY**

**DISPLAY -e** " To Display Files with ${BR}Write & Execute Permissions${Wh} to $whoami Type ${BR}(WXfile)${Wh} "

**DISPLAY**

**DISPLAY**

**DISPLAY -e** " To Display Files with ${BR}Read, Write & Execute Permissions${Wh} to $whoami Type ${BR}(RWXfile)${Wh} "

**DISPLAY**

**DISPLAY**

**DISPLAY -e** " To Display Files with ${BR}Execute Permissions${Wh} to $whoami Type ${BR}(Xfile)${Wh} "

**DISPLAY**

**DISPLAY**

**DISPLAY -e** " To Refresh the Results for the files with ${BR}Read, Write & Execute Permissions${Wh} to Directory $pwd & User $whoami Type ${BR}(RWXrefresh)${Wh} "

**DISPLAY**

**DISPLAY**

**DISPLAY**

**DISPLAY**

**DISPLAY**

**DISPLAY**

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

**DISPLAY**

**DISPLAY**

**DISPLAY**

**DISPLAY**  " "

**WAIT 1**

**DISPLAY** ""

**DISPLAY -e** " Please Type In Your ${BR} Selection ${Wh} below, from the menu above. "

**DISPLAY** ""

**DISPLAY** ""

#

# The Lines below are all the Input variable’s for the menu.

#

**READ** disrwxmenu

**CASE** "disrwxmenu"

#

# Readable Files Selection

#

**INPUT** [Rr]file)

**CLEAR Screen**

**DISPLAY**

**DISPLAY**

**DISPLAY -e** " Displaying Files with ${BR}Read Permissions${Wh} to $whoami "

**DISPLAY**

**DISPLAY**

**DISPLAY**

**DISPLAY Contents** In File (cat) r\_Finfo.txt # Displays Or The Data from r\_Finfo.txt

**DISPLAY**

**DISPLAY -e** " Please Press ${BR}'Enter'${Wh} To Continue"

**READ** user

**SET** Loop exloop5=4

;;

#

# Writeable Files Selection

#

**INPUT** [Ww]file)

**CLEAR Screen**

**DISPLAY**

**DISPLAY**

**DISPLAY -e** " Displaying Files with${BR}Write Permissions${Wh} to $whoami "

**DISPLAY**

**DISPLAY**

**DISPLAY**

**DISPLAY Contents** In File (cat) w\_Finfo.txt # Displays Or The Data from w\_Finfo.txt

**DISPLAY**

**DISPLAY -e** " Please Press ${BR}'Enter'${Wh} To Continue"

**READ** user

**SET** Loop exloop5=4

;;

#

# Read & Executeable Files Selection

#

**INPUT** [RX]file)

**CLEAR Screen**

**DISPLAY**

**DISPLAY**

**DISPLAY** -e " Displaying Files with${BR} Read & Executable Permissions ${Wh} to $whoami "

**DISPLAY**

**DISPLAY**

**DISPLAY**

**DISPLAY Contents** In File (cat) rx\_Finfo.txt # Displays Or The Data from rx\_Finfo.txt

**DISPLAY**

**DISPLAY** -e " Please Press ${BR}'Enter'${Wh} To Continue"

**READ** user

**SET** Loop exloop5=4

;;

#

# Write & Executeable Files Selections

#

**INPUT** [WX]file)

**CLEAR Screen**

**DISPLAY**

**DISPLAY**

**DISPLAY** -e " Displaying Files with${BR} Write & Executeable Permissions ${Wh} to $whoami "

**DISPLAY**

**DISPLAY**

**DISPLAY**

**DISPLAY Contents** In File (cat) wx\_Finfo.txt # Displays Or The Data from wx\_Finfo.txt

**DISPLAY**

**DISPLAY** -e " Please Press ${BR}'Enter'${Wh} To Continue"

READ user

**SET** Loop exloop5=4

;;

#

# Read & Writeable Files Selection

#

**INPUT** RWfile)

**CLEAR Screen**

**DISPLAY**

**DISPLAY**

**DISPLAY** **-e** " Displaying Files with ${BR}Read & Write Permissions${Wh} to $whoami "

**DISPLAY**

**DISPLAY**

**DISPLAY**

**DISPLAY Contents** In File (cat) rw\_Finfo.txt # Displays Or The Data from rw\_Finfo.txt

**DISPLAY**

**DISPLAY -e** " Please Press ${BR}'Enter'${Wh} To Continue"

**READ** user

**SET** Loop exloop5=4

;;

#

# Read, Writeable Executable Files Selection

#

**INPUT** RWXfile)

**CLEAR Screen**

**DISPLAY**

**DISPLAY**

**DISPLAY** **-e** " Displaying Files with ${BR}Read, Write & Execute Permissions${Wh} to $whoami "

**DISPLAY**

**DISPLAY**

**DISPLAY**

**DISPLAY Contents** In File (cat) rwx\_Finfo.txt # Displays Or The Data from rwx\_Finfo.txt

**DISPLAY**

**DISPLAY -e** " Please Press ${BR}'Enter'${Wh} To Continue"

**READ** user

**SET** Loop exloop5=4

;;

#

# Executable Files Selection

#

**INPUT** [Xx]file)

**CLEAR Screen**

**DISPLAY**

**DISPLAY**

**DISPLAY -e** " Displaying Files with ${BR}Execute Permissions${Wh} to $whoami "

**DISPLAY**

**DISPLAY**

**DISPLAY**

**DISPLAY Contents** In File (cat) x\_Finfo.txt # Displays Or The Data from x\_Finfo.txt

**DISPLAY**

**DISPLAY -e** " Please Press ${BR}'Enter'${Wh} To Continue"

**READ** user

**SET** Loop exloop5=4

;;

#

# Refreshers or clears all the files for the permission analysing

#

**INPUT** RWXrefresh)

**CLEAR Screen**

**DISPLAY**

**DISPLAY**

**DISPLAY -e** " Refreshing the Results for the files with ${BR}Read, Write & Execute Permissions${Wh} to Directory $pwd & User $whoami ! "

**DISPLAY**

**DISPLAY**

**DISPLAY -e** " Please Press ${BR}'Enter'${Wh} Now!!!!"

**READ** user

**EXECUTE**

./fileinfo.sh

;;

#

# Returns back to Main Menu.sh

#

**INPUT** [Mm]enu)

**WAIT 2**

**DISPLAY ""**

**DISPLAY ""**

**DISPLAY " "**

**DISPLAY -e** "${BG} $USER will go back to main menu${Wh}"

**DISPLAY " "**

**WAIT 2**

**EXECUTE**

./menu.sh

;;

#

# Refresh Current menu below

#

**INPUT** [Rr]efresh)

**WAIT 2**

**DISPLAY ""**

**DISPLAY ""**

**DISPLAY " "**

**DISPLAY -e** "${BG} Current Menu will be refreshed${Wh} "

**DISPLAY ""**

**WAIT 2**

**SET** Loop exloop5=4

;;

#

# Quits Current Menu

#

**INPUT** [Qq]uit)

**WAIT 2**

**DISPLAY ""**

**DISPLAY ""**

**DISPLAY ""**

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

**DISPLAY " "**

**WAIT 3**

**CLEAR Screen**

**DISPLAY ""**

**DISPLAY ""**

**DISPLAY " "**

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

**DISPLAY " "**

**CALL FUNCTION closeloop5**

**SET** Loop exloop5=2

;;

#

# This is Not an Option, Selection

#

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

**CLEAR Screen**

**WAIT 2**

**DISPLAY ""**

**DISPLAY ""**

**DISPLAY " "**

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

**DISPLAY " "**

**WAIT 2**

**DISPLAY ""**

**DISPLAY ""**

**DISPLAY " "**

**SET** Loop exloop5=4

;;

#

# Ends the CASE Disrwxmenu selection

#

**ENDCASE**

**ENDO**