Assignment #1 3F03 – Feb 3rd 2015 – Colin Gagich – 1224692

1. /u50/gagichce is my home directory. To find this I kept entering “cd ..” until I reached an end. I found out later that you can also use “echo $HOME” to figure it out.
2. My user ID is gagichce. I needed it to login so I figured it was assumed knowledge. Plus I hope I know it by now. Again, I found out later you can use “whoami” to figure this out.
3. I had to look this one up. “groups” is the command and I am part of the “ugrad” group. I used this resource <http://www.cyberciti.biz/faq/which-groups-do-i-belong-to/>
4. No, you have effectively revoked your access to the directory. You can’t perform any operations on it until you change the permissions back.
5. First you need to figure out which process you want to kill. Use “ps” to list them. You then make a note of the ID of the process you want to kill. Then type “kill process-id” where process-id is the ID of the process you want to kill. But fair warning.. this makes you a murderer! Aahhhhh!

**TINY**

#!/bin/bash

#maximum size of file in bytes. for this assignment it is 100 bytes as per the assignment spec

tinymaxsize=100

#helps with the empty directory case

shopt -s nullglob

for file in \*; do

if [ `wc -c $file | awk '{print $1}'` -le "$tinymaxsize" ]

then

echo `wc -c $file`

fi

done

**NEWER**

#!/bin/bash

if [ -z $1 ]

then

echo "no arugment given or bad argument"

else

if [ -e $1 ]

then age=`stat -c %Y $1`

shopt -s nullglob

for file in \*; do

if [ `stat -c %Y $file` -gt "$age" ]

then

echo "$file"

fi

done

else echo "$1 is not a valid file"

fi

fi

**RENAME**

#!/bin/bash

if [ $# -ge 3 ]

then

shopt -s nullglob

for file in ${@:3}; do

mv $file ${file/$1/$2}

done

else echo "wrong number of input arguments. Should be 3 or more, found $#"

fi

**a1asm.asm**

%include "asm\_io.inc"

segment .data

promt1 db "Enter the value of x: ", 0

outmsg1 db "y = ", 0

segment .bss

x resd 0

segment .text

global asm\_main

asm\_main:

enter 0,0

pusha

;print the promt

;mov eax, promt1

;call print\_string

call read\_int

;move input to its place

mov [x], eax

mov ebx, 0

;dump\_regs 1

mov ebx, [x]

;subtract 3

sub ebx, 3

imul ebx, [x]

add ebx, 1

imul ebx, [x]

sub ebx, 10

;dump\_regs 1

;mov eax, outmsg1

;call print\_string

mov eax, ebx

call print\_int

call print\_nl

popa

mov eax, 0

leave

ret

**Makefile**

#

# Linux makefile

# Use with make

#

.SUFFIXES:

.SUFFIXES: .o .asm .cpp .c

AS=nasm

ASFLAGS= -f elf

CFLAGS= -m32

CC=gcc

CXX=g++

CXXFLAGS=

LDFLAGS= -m32

.asm.o:

$(AS) $(ASFLAGS) $\*.asm

.cpp.o:

$(CXX) -c $(CXXFLAGS) $\*.cpp

.c.o:

$(CC) -c $(CFLAGS) $\*.c

all: a1asm asm\_io.o

a1asm: driver.o a1asm.o asm\_io.o

$(CC) $(CFLAGS) -o a1asm driver.o a1asm.o asm\_io.o

asm\_io.o : asm\_io.asm

$(AS) $(ASFLAGS) -d ELF\_TYPE asm\_io.asm

a1asm.o : asm\_io.inc a1asm.asm

driver.o : driver.c

clean :

rm \*.o