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CSE031-05L

8 February 2019

Lab #1

TPS Activity #2:

1. To open a terminal, you must press the windows button, then search for “terminal” and lastly open the command prompt.
2. Yes, you can open more than one terminal.
3. You may want to use two terminals which allows to run more than one program. This allows you access information that you wouldn’t have otherwise.
4. Using “ls” shows what is inside your current directory.
5. You may use “cd” to navigate to the desktop.
6. “mkdir” allows you to make a directory in your current location.

TPS Activity #3:

1. To compile main.c, you use the command line: gcc main.c -o.
2. The file has been successfully compiled if you do not receive an error running compile command line and if a run file, with a name of your choice, was created.
3. The -c flag compiles the program without linking.
4. The -g flag tells the compiler gather all the debugging information of a program and puts into a file named “a.out”.
5. To change the executable name to “cselab1” you must compile the program with the command “gcc main.c -o cselab1.”
6. When you type “gcc main.c,” the file is compiled and a a.out file is created in the directory.
7. I use “gcc main.c -o run” to compile the program.

Collaborators:

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Pseudocode for averages.c:

start

int sum = 0, sumPos = 0, sumNeg = 0, countPos = 0, countNeg = 0;

while (num ! = 0)

num= input()

if (num > 0)

sumPos = sumPos + num

countPos++

Elseif (num < 0)

sumNeg = sumNeg + num

countNeg++

Else

Break

If (sumPos ! = 0 && countPos ! = 0)

Printf(“the positive average: ”, sumPos/countPos)

If(sumNeg ! = 0 && countNeg ! = 0)

Printf(“the negative average: ”, sumNeg/countNeg)

end