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Activity 1:

1. done

2. <https://maker.pro/linux/tutorial/basic-linux-commands-for-beginners#:~:text=Linux%20Shell%20or%20%E2%80%9CTerminal%E2%80%9D&text=In%20this%20tutorial%2C%20we%20are,%2Dterminal%2C%20and%20press%20enter>.

<https://ubuntu.com/tutorials/command-line-for-beginners#4-creating-folders-and-files>

<https://www.howtogeek.com/140679/beginner-geek-how-to-start-using-the-linux-terminal/>

3. done

4. done

Activity 2:

1. Ctrl-Alt-T – opens terminal, In Activities type in “terminal”
2. Yes, you can open more than 1 terminal at the same time
3. I would want to open more than 1 terminal at the same time if I wanted to use them simultaneously

2. “ls” command allows you to see what files are in the directory you are in

3. Yes, you can use the command “cd Desktop” to get to the desktop. You can also move up or down directories using “cd ..” and “cd –“

4. To do that you will have to use the command “mkdir CSE31”

Activity 3:

1. <https://www.geeksforgeeks.org/gcc-command-in-linux-with-examples/>

<https://rupinderjeetkaur.wordpress.com/2014/06/20/run-a-cc-program-on-terminal-using-gcc-compiler/>

2. done

3. “gcc” is the command you would use to compile your main.c

4. If no errors come up and there appears to be an output file.

5. -c flag complies the code without linking

6. -g flag is for debugging through gdb

7. “gcc main.c -o cselab1” command

8. An executable called "a.out" is generated

9. “./a.out” command

Activity 4:

Write the pseudocode for Average.c

Friday from 12pm-2pm for the demo

Activity 4:

Initialize the variables

While loop

Print Enter an integer

Input

If Statement (Input>0)

Positive Array will take number

Negative Array gets zero

If Statement (Input<0)

Positive Array gets zero

Negative Array will take number

If Statement (Input==0)

End While Loop

For Loop

Add all the numbers in the positive array

Add all the numbers in the negative array

If Statement (If there are numbers in the array)

Average = Positive Sum / Number of Elements

If Statement (If there are numbers in the array)

Average = Negative Sum / Number of Elements

Print the Positive Average if there is one

Print the Negative Average if there is one

End Main