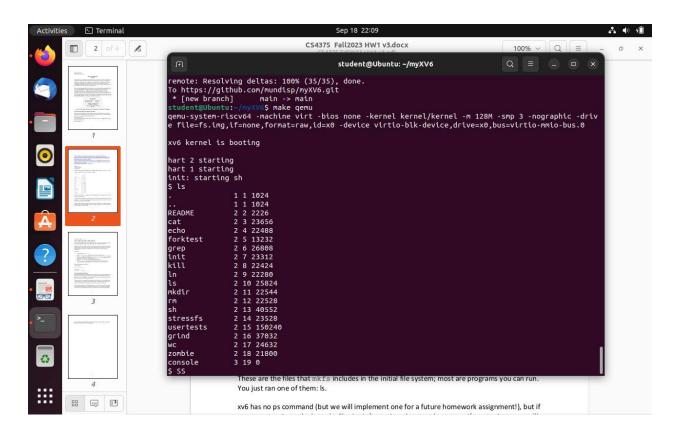
### HW 1: Introduction to xv6

#### Task 1. Boot xv6 and explore utilities.

The linux setup that I'm using is the Ubuntu operating system running on the virtual box software (vmm).

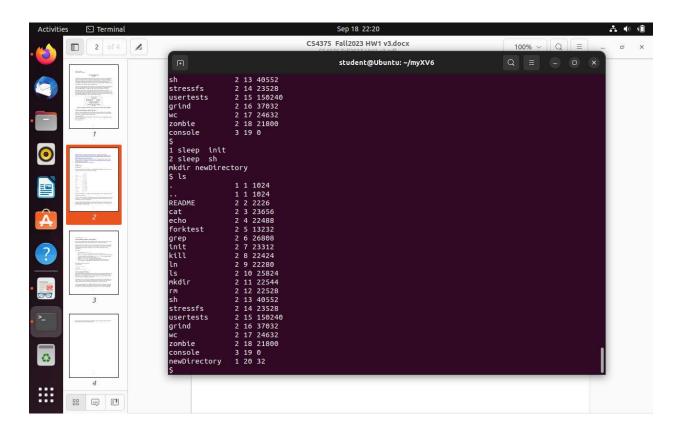
#### Booting xv6 on RISC-V & running 'ls' command:

Booting xv6 was easy overall, the only issue I had is that I didn't have supervisor privileges when running the 'sudo' command, I had to access some of the OS settings with special commands I found online to be able to include my username into the sudo directory, then I was able to run all the instructions smoothly.



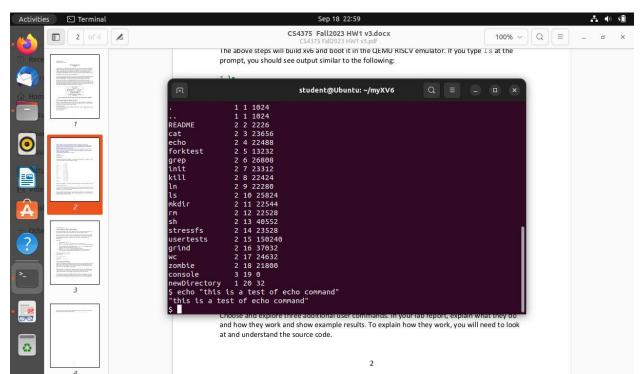
#### Running "mkdir" command:

The mkdir command creates a new empty directory in the location where you type it, you just need to type the command and the name of the folder separated by a space.



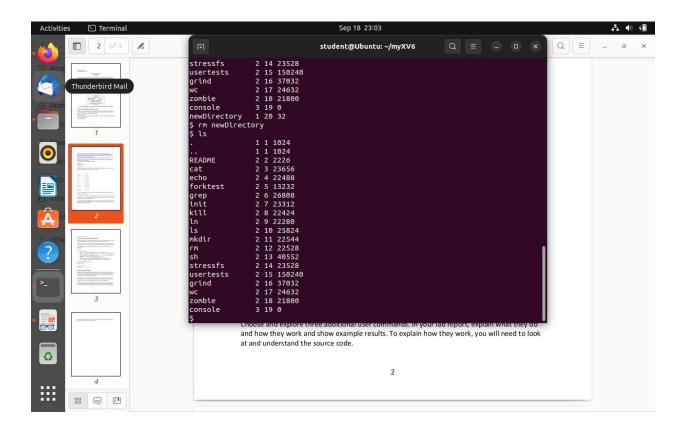
## Running "echo" command:

The echo command outputs the arguments provided back to the terminal; you simply type echo followed by the string of words inside the double quotes.



# Running "rm" command:

The rm command lets the user remove a specified directory, just type rm followed by the name of the folder that you want to delete.



#### Task 2. Implement the uptime utility.

I learned how to implement an already defined function and turn it into a command. Since the uptime function was already defined in user.h, I had to include that header file so that the code would recognize the calling. Also, I needed to include the path to the types.h file in the kernel directory, this is the header file that defines the data types and sizes of the integer that the specified uptime function uses, otherwise it would give errors.

Then I included the command name in the Makefile so that it would be able to compile it.

Lastly, I just provided the behavior of uptime function in uptime.c, printing the value returned by the uptime function call every time the command is invoked.

