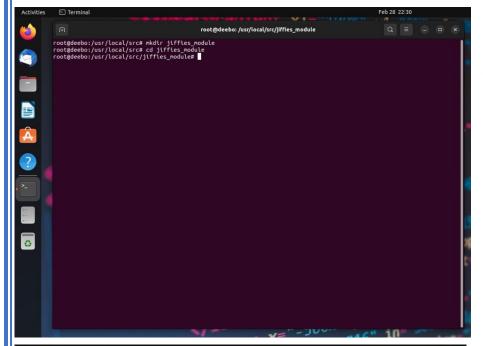
Operating Systems

Project 1

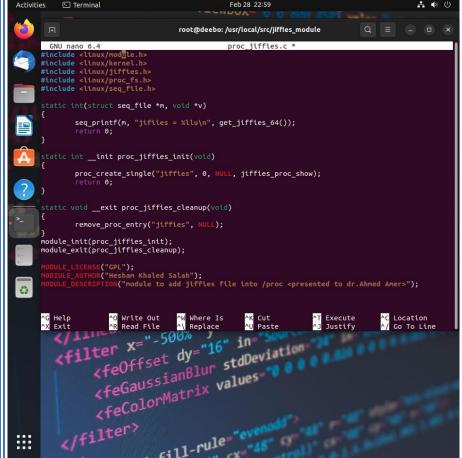
هشام خالد صلاح محمد عبدالهادى	الاسم
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First Module (Jiffies Module):

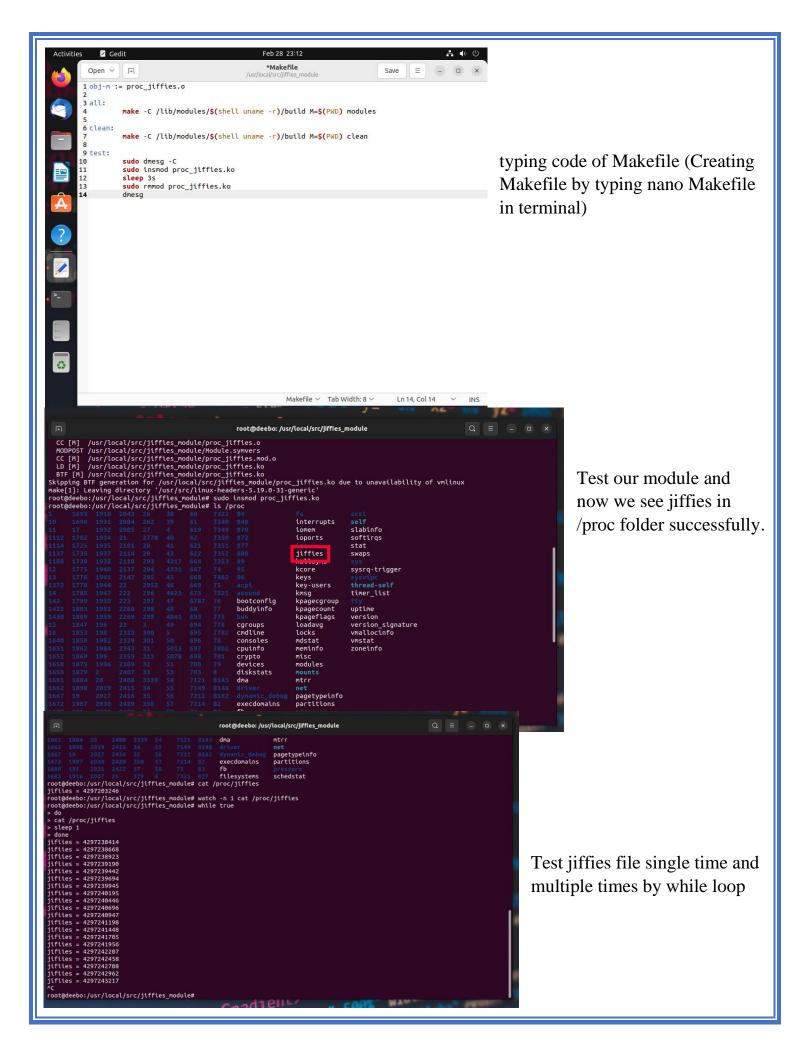
Screenshots and steps:



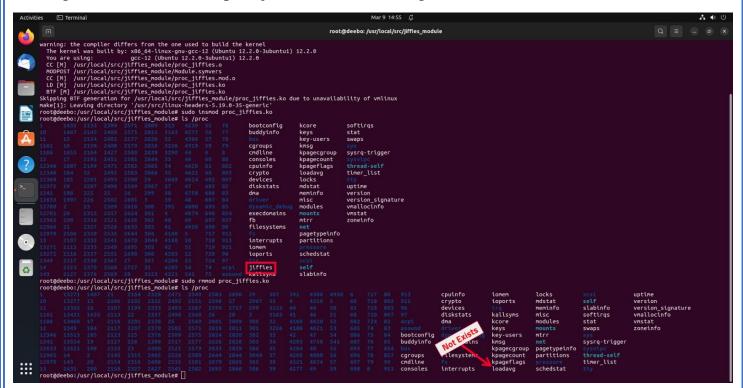
making folder in /local/src and making new C file (our kernel module).



Typing code of our module And giving it an author name and description.



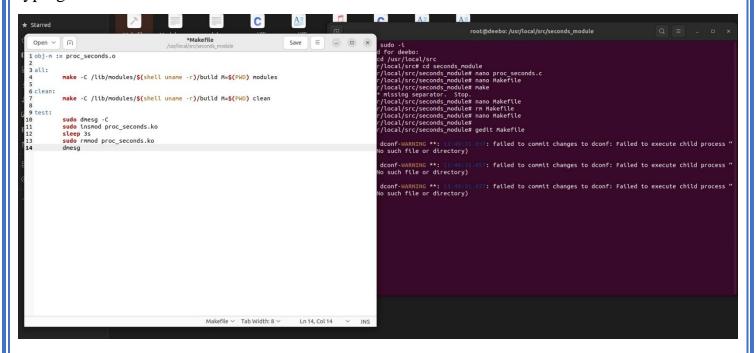
Making sure to remove the /proc/jiffies when removing the module



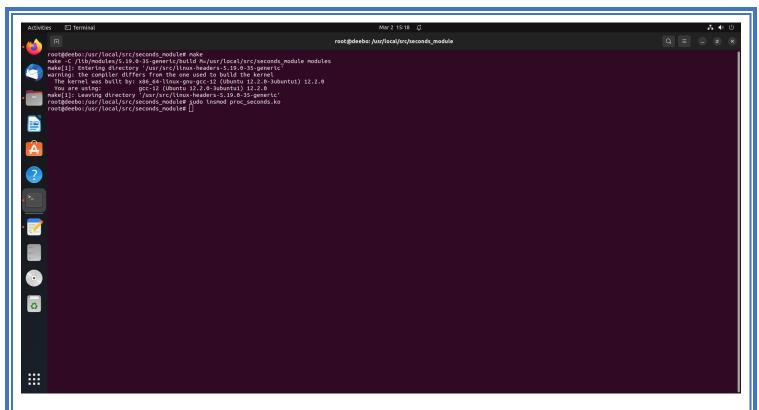
Second Module (Seconds Module):

Screenshots and steps:

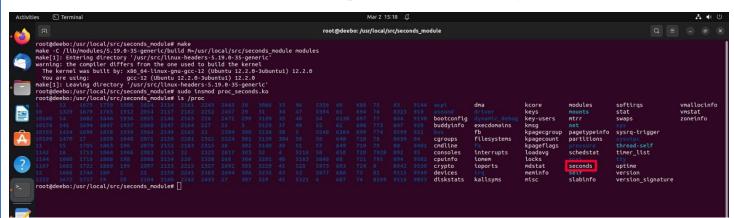
typing code of Makefile



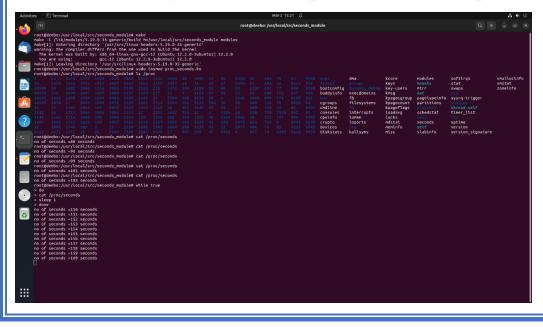
Running the module (without errors)



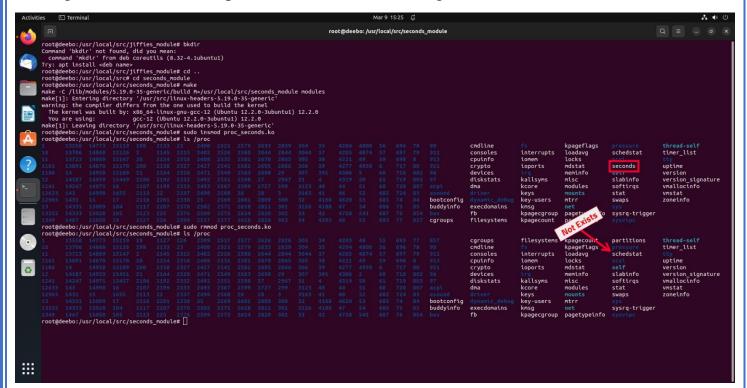
Test our module and now we see seconds in /proc folder successfully.



Test seconds file single times and multiple times by while loop



Making sure to remove the /proc/seconds when removing the module



What I learned from the project:

- 1. Some shortcuts and commands in terminal.
- 2. Creating Linux module.
- 3. Creating Makefile and linking other files together.
- 4. Searching and dealing with errors.
- 5. Improving my skills.