California University of PA

Dept. of Computer Science, Info Systems, and Engineering Technology

ACET440 Computer Networking

Fall 2022

= Lab Report =

Lab 2 Clock

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Date Submitted: 09/08/2022

I. Procedure

Open the virtual desktop and acquire the putty .exe from the putty website (*https://www.chiark.greenend.org.uk/~sgtatham/putty/latest.html*). Enter Draco1.calu.lcl in the host name and set it to SSH. When prompted for a login use your pennwest email and password, take care to enter the password correctly, it will not show the characters or how many are inputted (*Figure 1*). When you locate the file use gcc filename.ext to compile and it will output a a.c if no name is given. If gcc DC.c -o DC is put in, it will compile the DC.c file and make the .exe with DC. There maybe warnings but if when ran the operation of the program is correct, they can be ignored (*Figure 2*). Use ./filename (no extension since we are running the executable) to run the program (*Figure 3*). For this exercise the program will clear and reprint the time every second so the previous lines will not be viewable until the program is closed with “ctrl+C” to quit (*Figure 4*). If the correct operation is achieved the lab is complete if not the use of nano filename.ext will be needed to edit the file in unix (*Figure 5*). Use “Ctrl+x” to exit nano and if changes where made press “y” and “enter” to return to the command line. Putty can be closed with the close window, make sure all work is saved before leaving and lastly sign out of the virtual desktop using the start button.

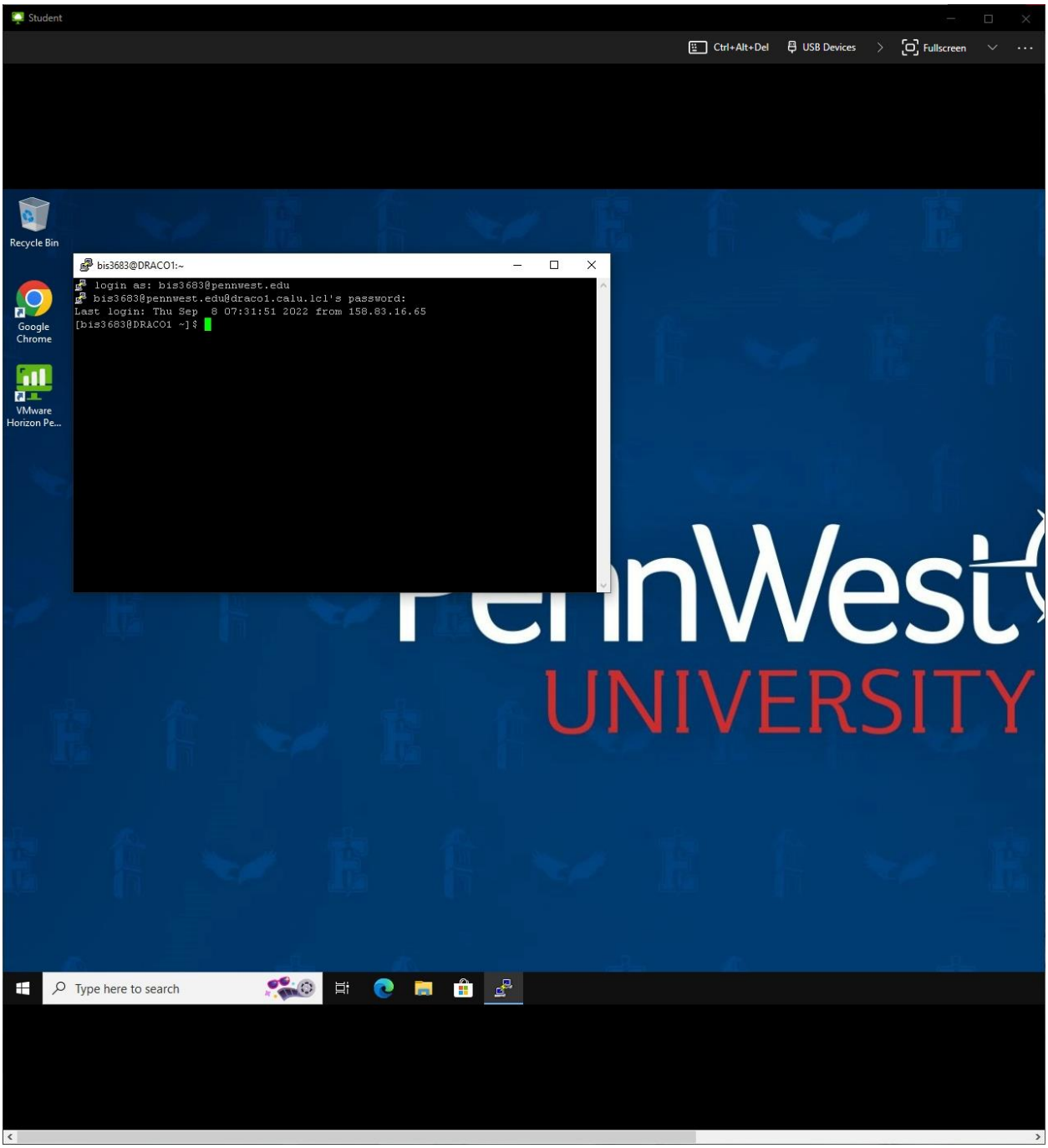

Figure 1: Logging into Draco1

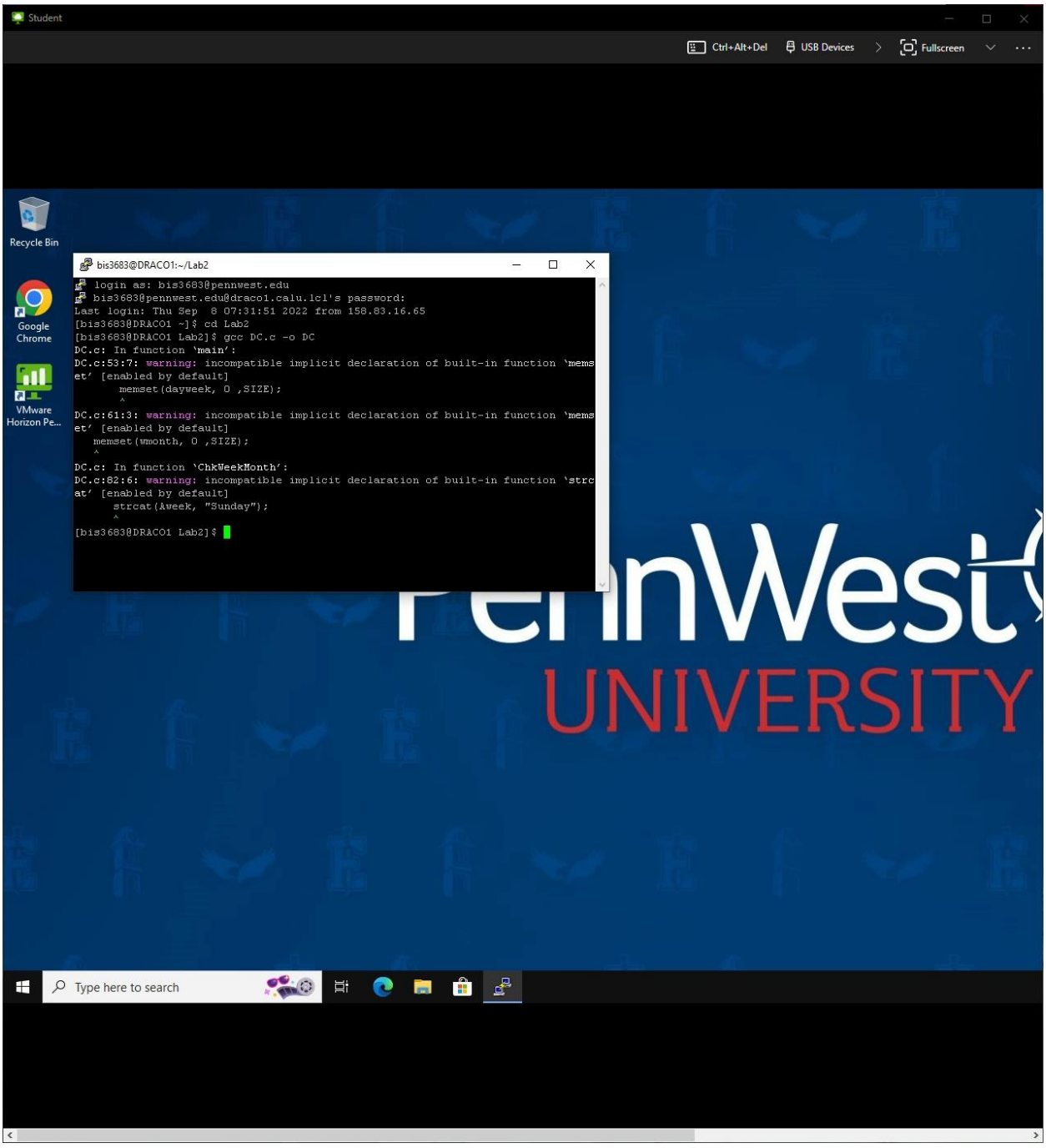

Figure 2: Compile the file

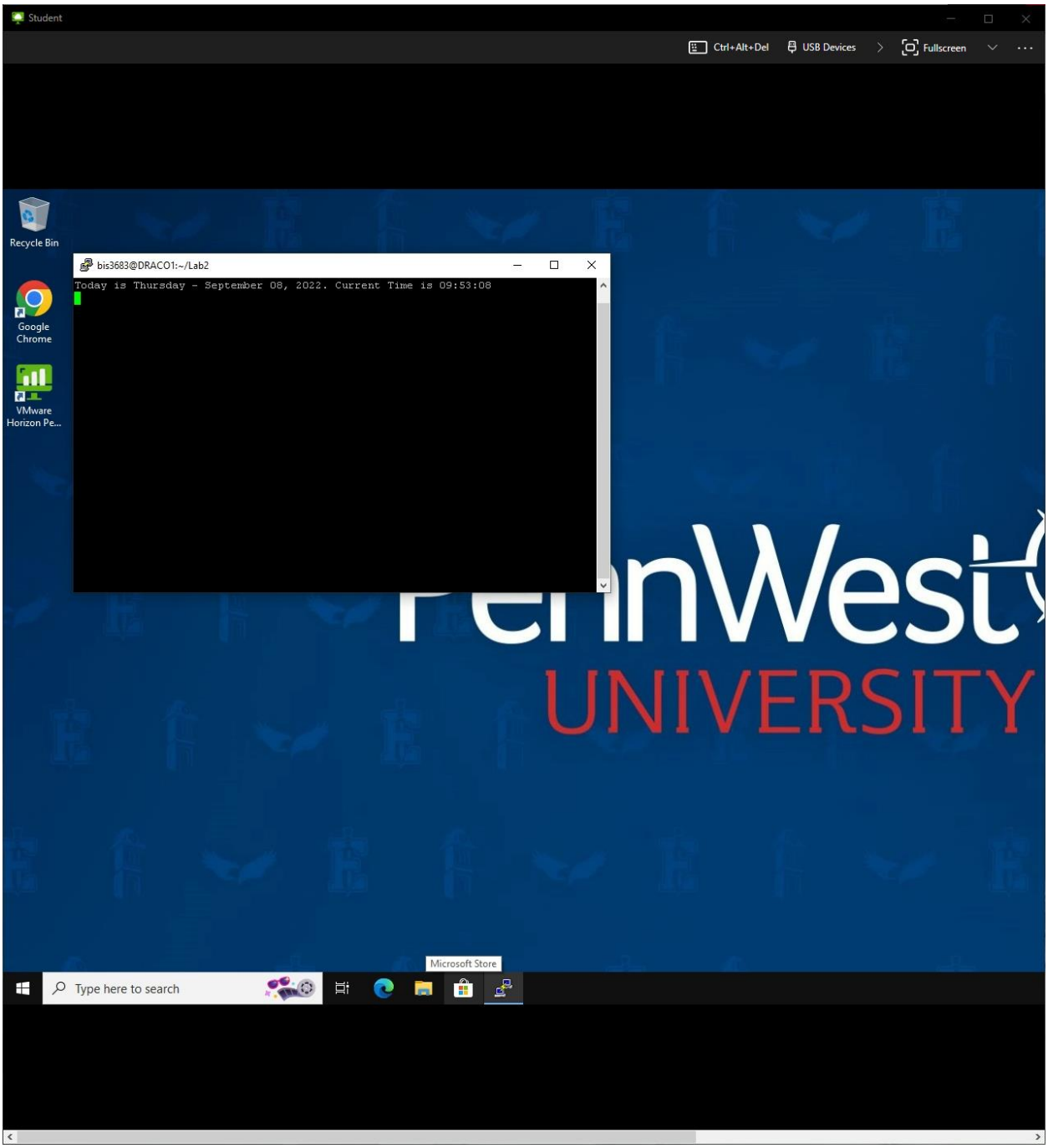

Figure 3: Run the file

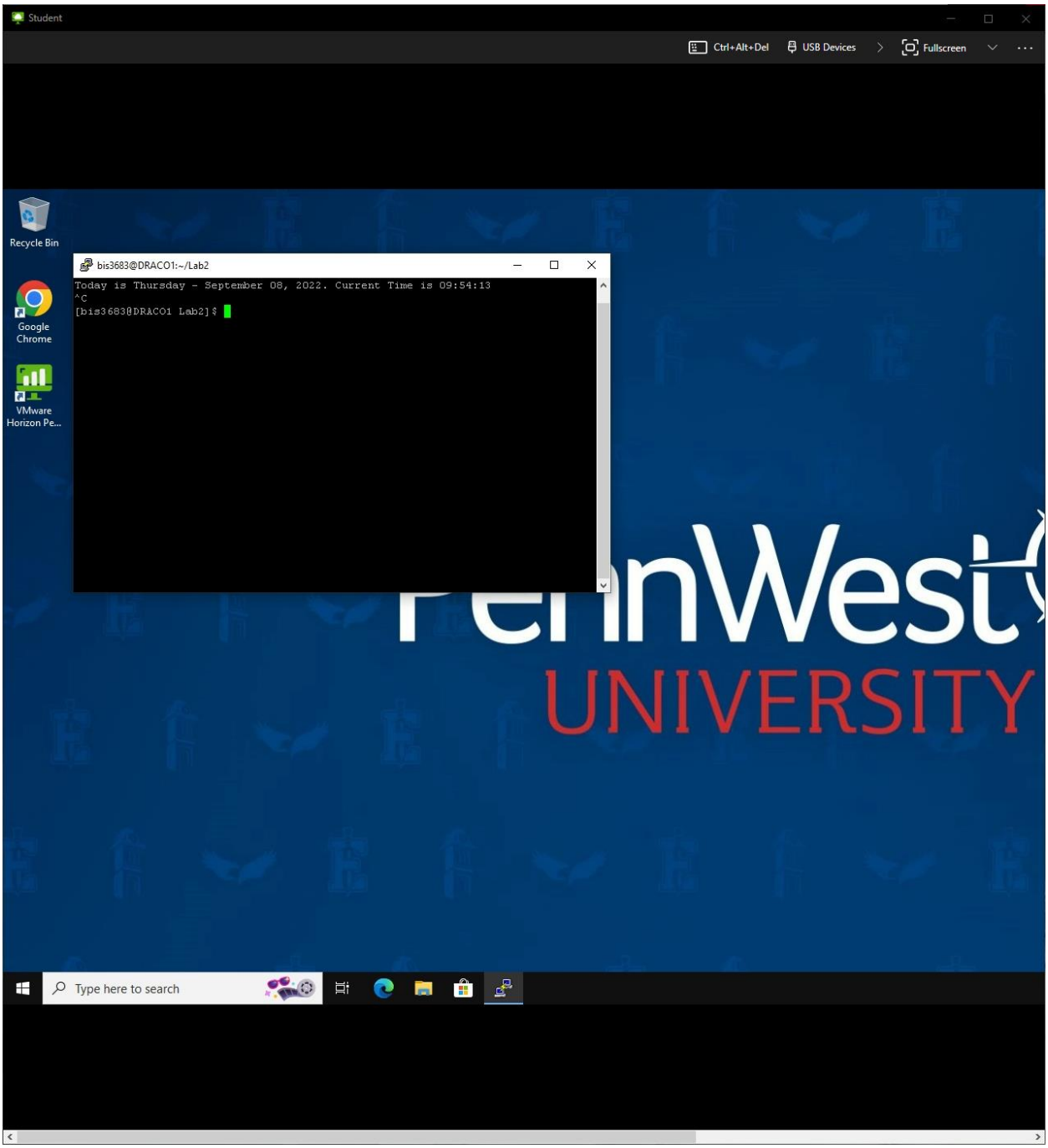

Figure 4: Quit the running program with no quit input

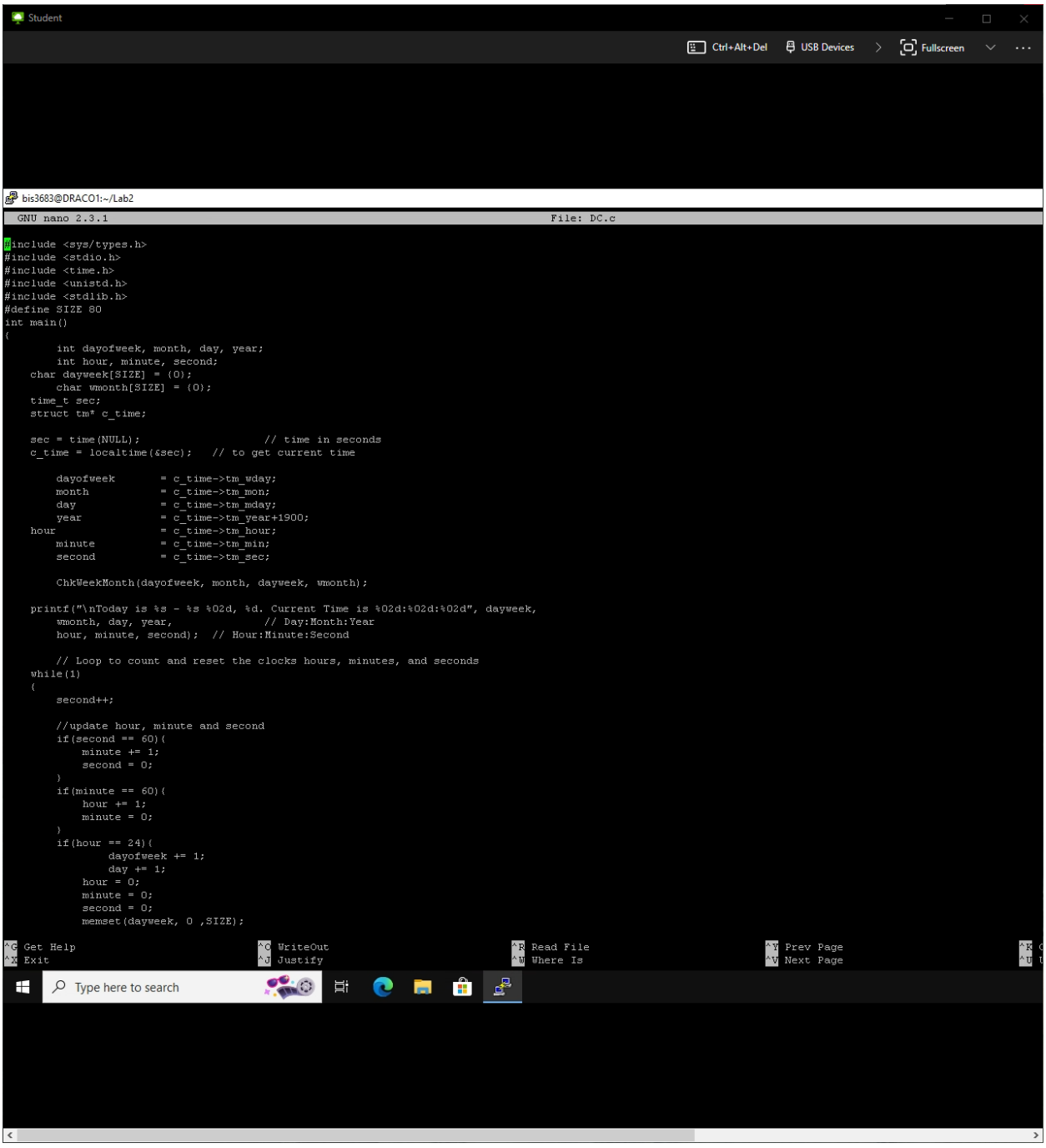

Figure 5: Inside nano DC.c command