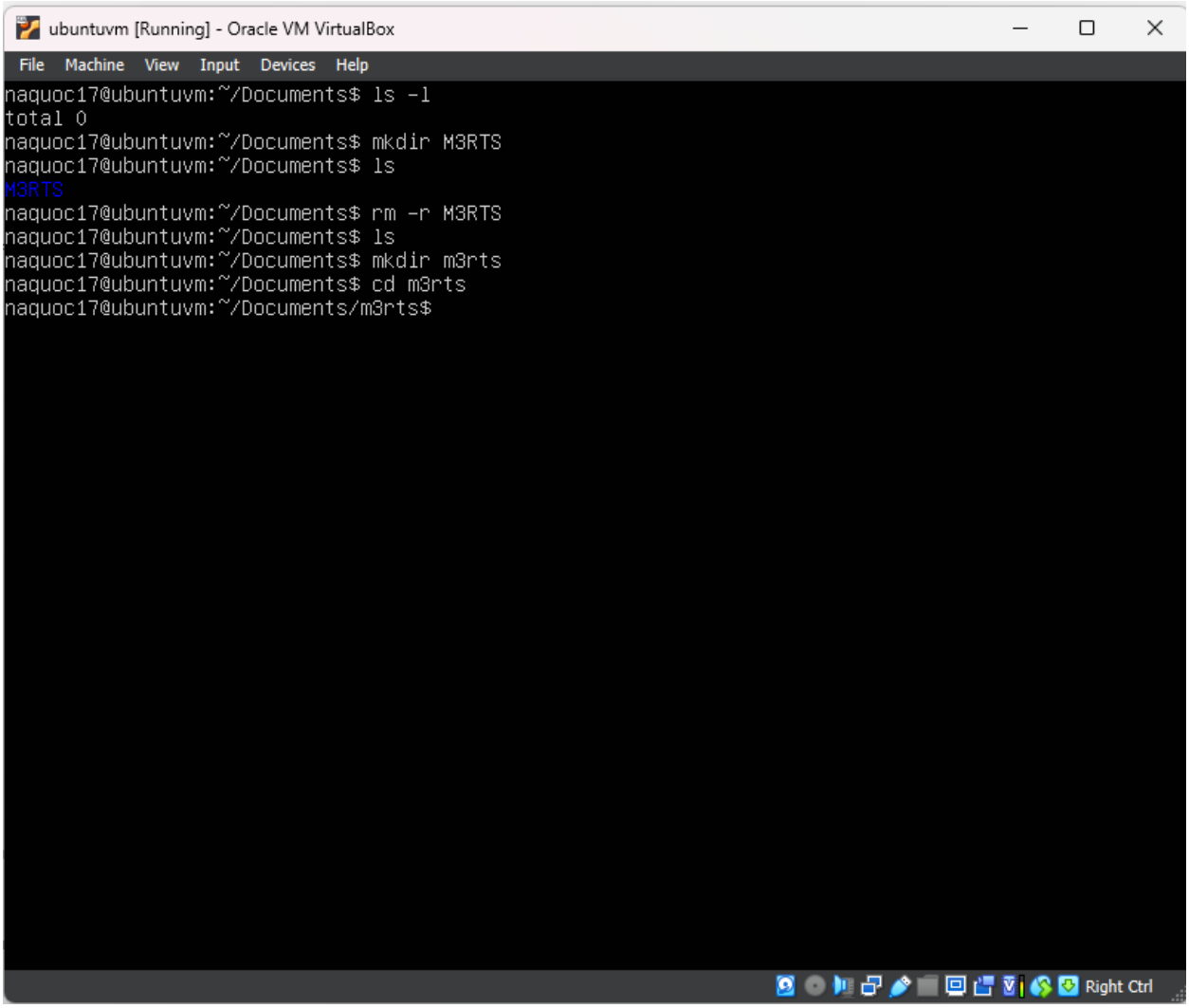
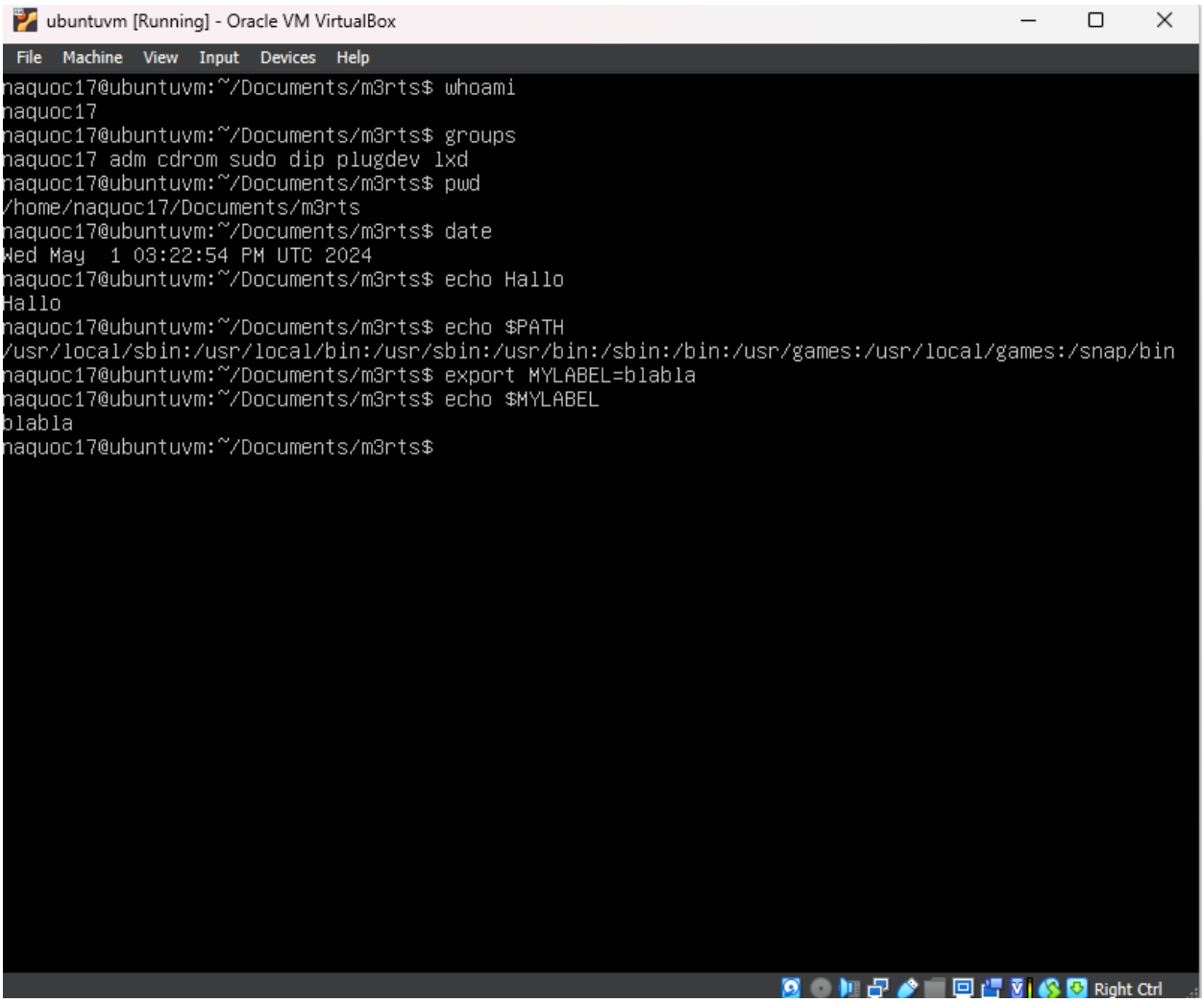
Name: Anh Quoc Nguyen

Matriculation number: 1397466

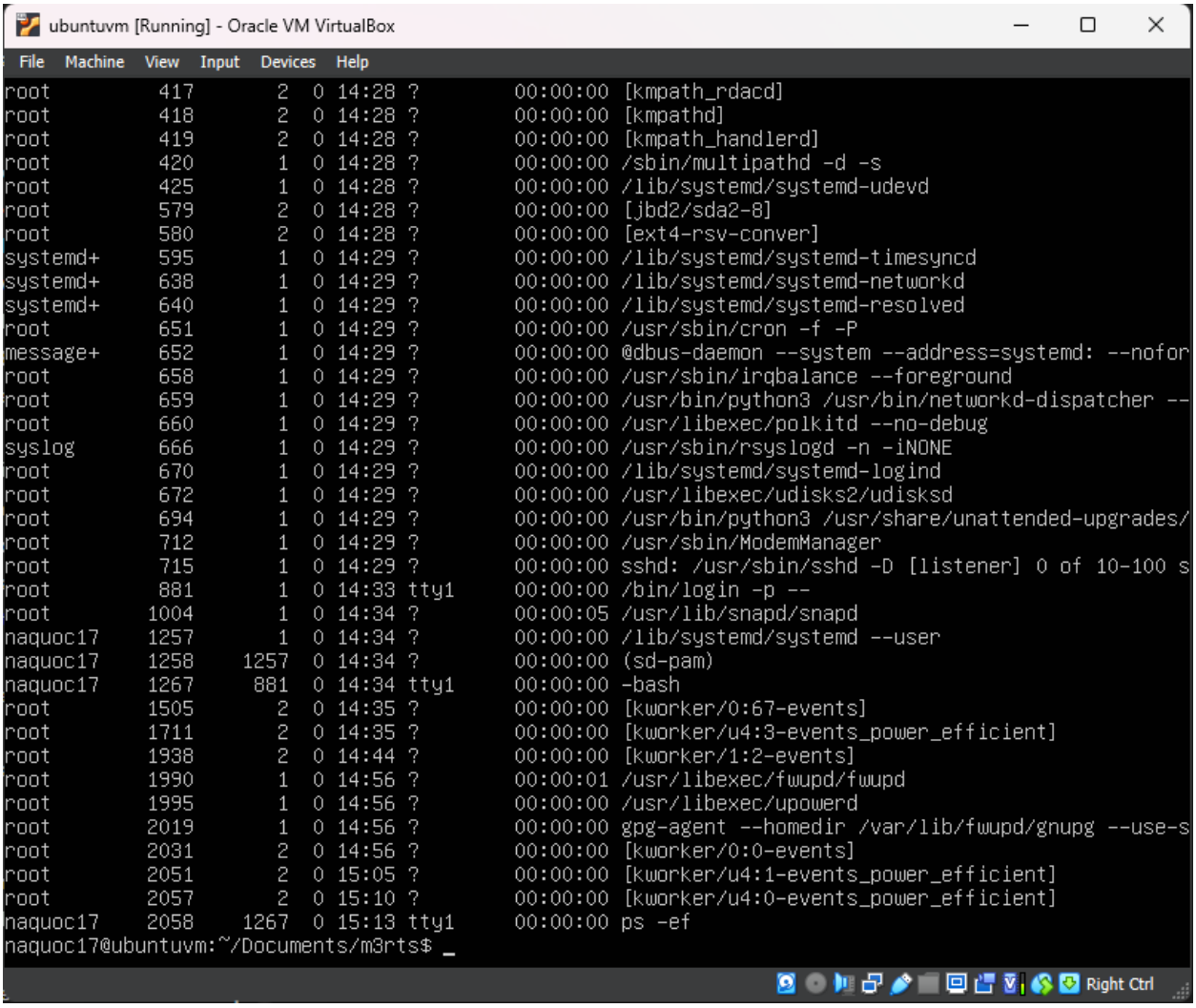
Unix Basics





- **Whoami**: Display the name of the current user
- **Groups**: Shows all groups to which the current user belongs
- **Pwd**: “Print working directory” – prints the path of the current working directory (starting from the root)
- **Date**: Displays the system date and time
- **Echo Hallo**: Displays the string “Hallo”
- **Echo $PATH**: Displays env PATH (Enviromental Variable), which lists directories that the shell searches for executable files (command)
- **Export MYLABEL=blabla**: Sets the env “MYLABEL” to the string “blabla”. This variable will be available as long as the terminal session lasts
- **Echo $MYLABEL**: Displays the value of the “MYLABEL” env

- **Ps -ef:** Displays a list of all the current running processes on the system, showing detailed information such as user ID, process ID, parent process ID, …



- **Ps -ef > ps.out**: Runs ps -ef and redirects its output to a file named “ps.out”
- **Cat ps.out:** Displays file ps.out
- **More ps.out**: Displays the content of file “ps.out” on the screen and can scroll down to watch more but not up
- **Less ps.out**: Similar to “more” command, but allows for backward and forward movement in the file “ps.out”
- **Head ps.out**: Displays the first 10 lines of the file “ps.out”