# LAB 3 for Operating Systems

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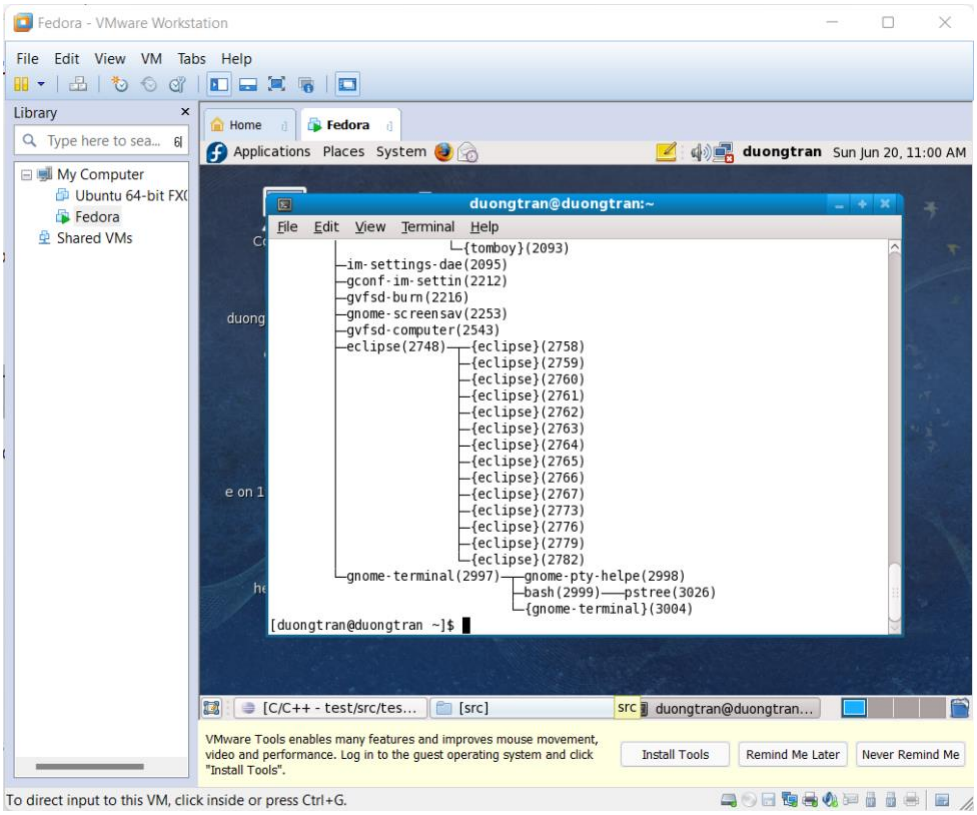
***Student's Code**: SE160185*

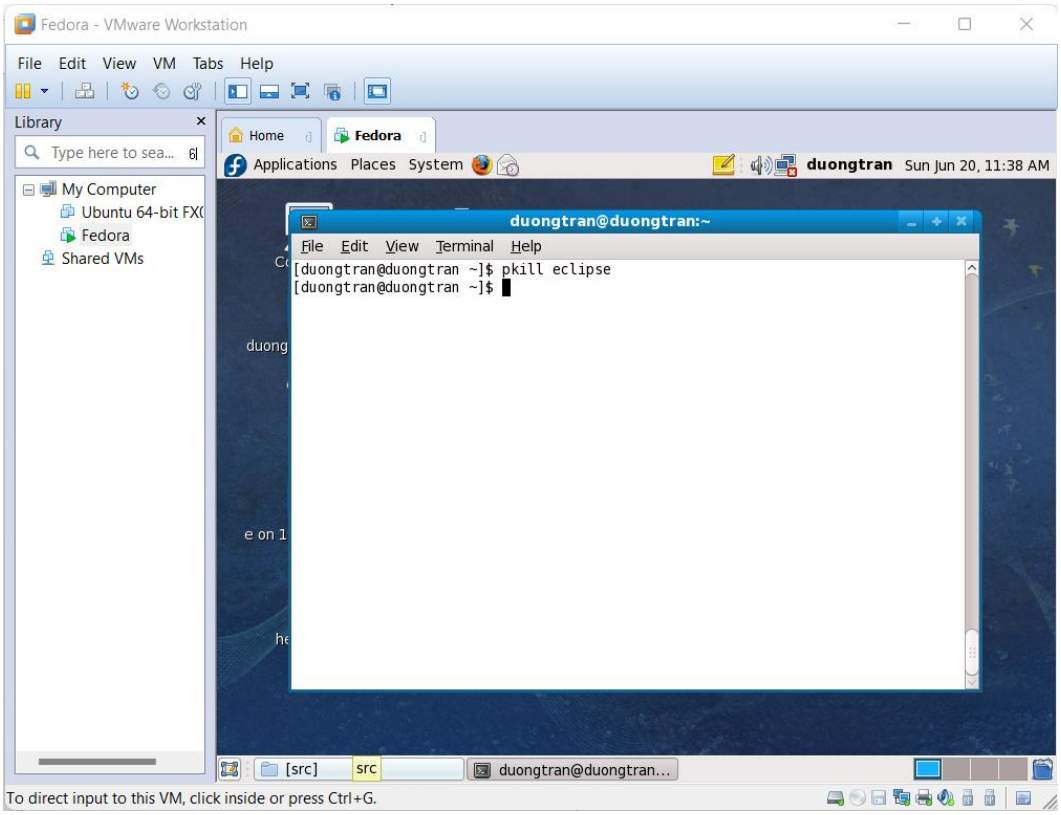
***Class**: AI1601*

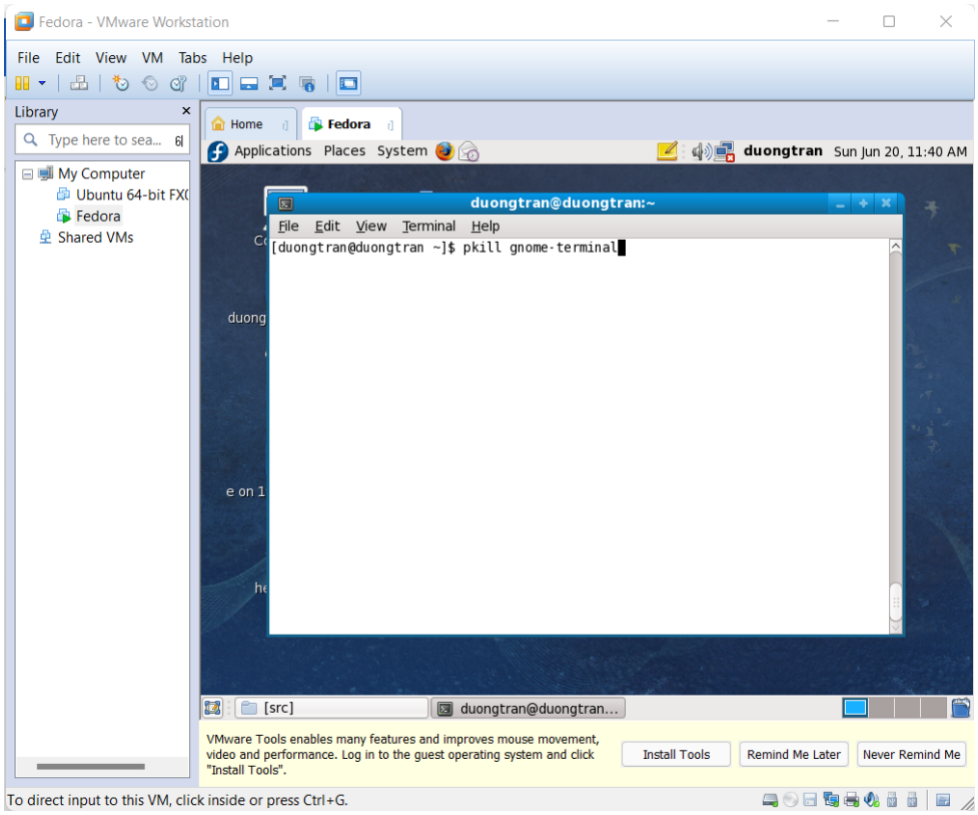
## Question 1: Present the content of manipulating of some command

- **pstree –np**: pstree shows running processes as a tree. The tree is rooted at either pid or init if pid is omitted. If a user name is specified, all process trees rooted at processes owned by that user are shown. -np means showing PID and sorting processes with the same ancestor by PID instead of by name. (Numeric sort).

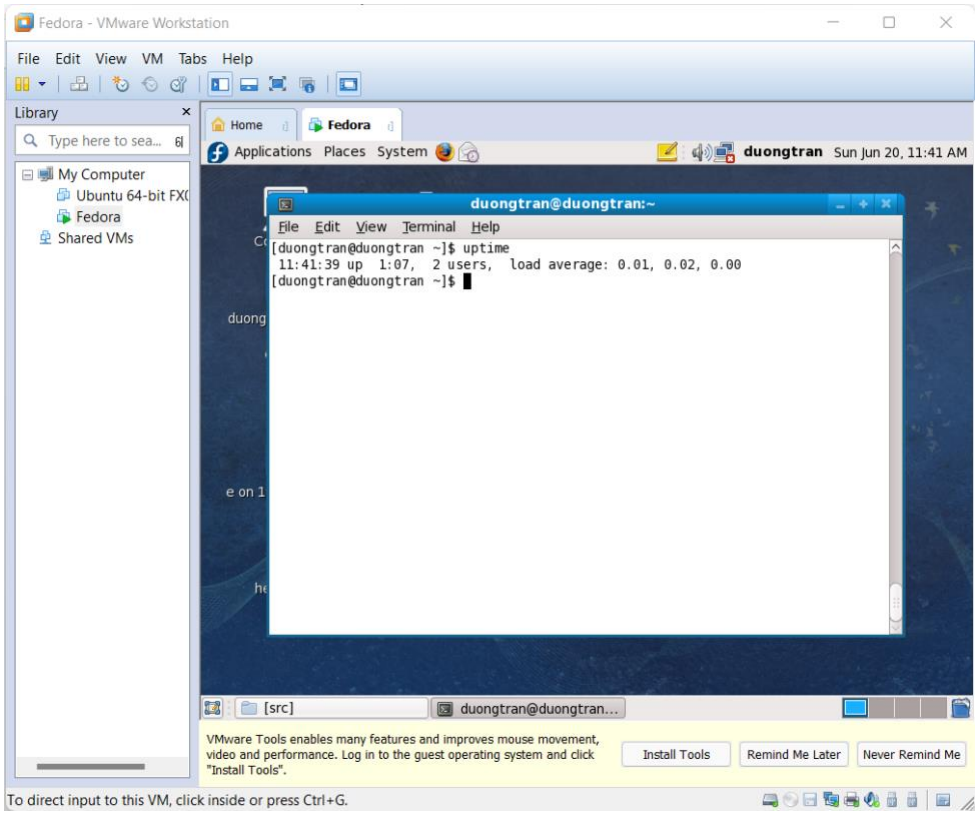



- **pkill**: pkill will send the specified signal to each process instead of listing them on stdout.

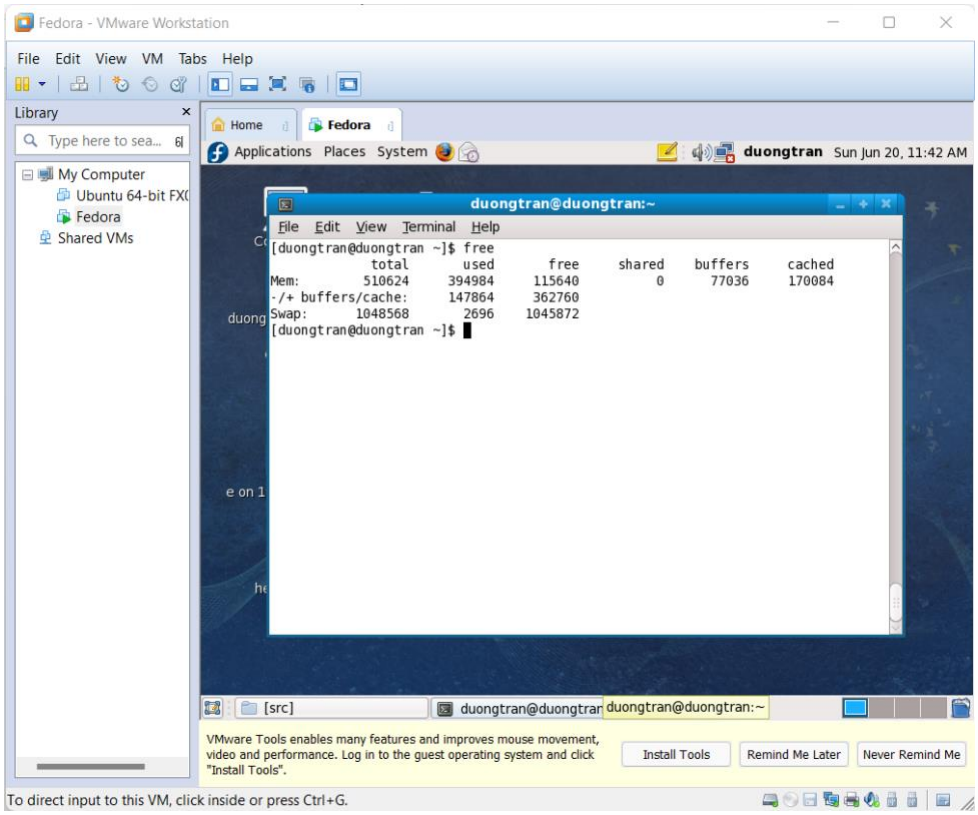

Fedora - VMware Workstation
File Edit View VM Tabs Help
Library
Type here to sea...
My Computer
Ubuntu 64-bit FX(
Fedora
Shared VMs
Home
Fedora
Applications Places System
duongtran Sun Jun 20, 11:38 AM
duongtran@duongtran:~
File Edit View Terminal Help
[duongtran@duongtran ~]$ pkill eclipse
[duongtran@duongtran ~]$
[src]
src
duongtran@duongtran...
To direct input to this VM, click inside or press Ctrl+G.


Fedora - VMware Workstation
File Edit View VM Tabs Help
Library
Type here to sea...
My Computer
Ubuntu 64-bit FX(
Fedora
Shared VMs
Home
Fedora
Applications Places System
duongtran Sun Jun 20, 11:40 AM
duongtran@duongtran:~
File Edit View Terminal Help
[duongtran@duongtran ~]$ pkill gnome-terminal
[src]
duongtran@duongtran...
VMware Tools enables many features and improves mouse movement, video and performance. Log in to the guest operating system and click "Install Tools".
Install Tools
Remind Me Later
Never Remind Me
To direct input to this VM, click inside or press Ctrl+G.

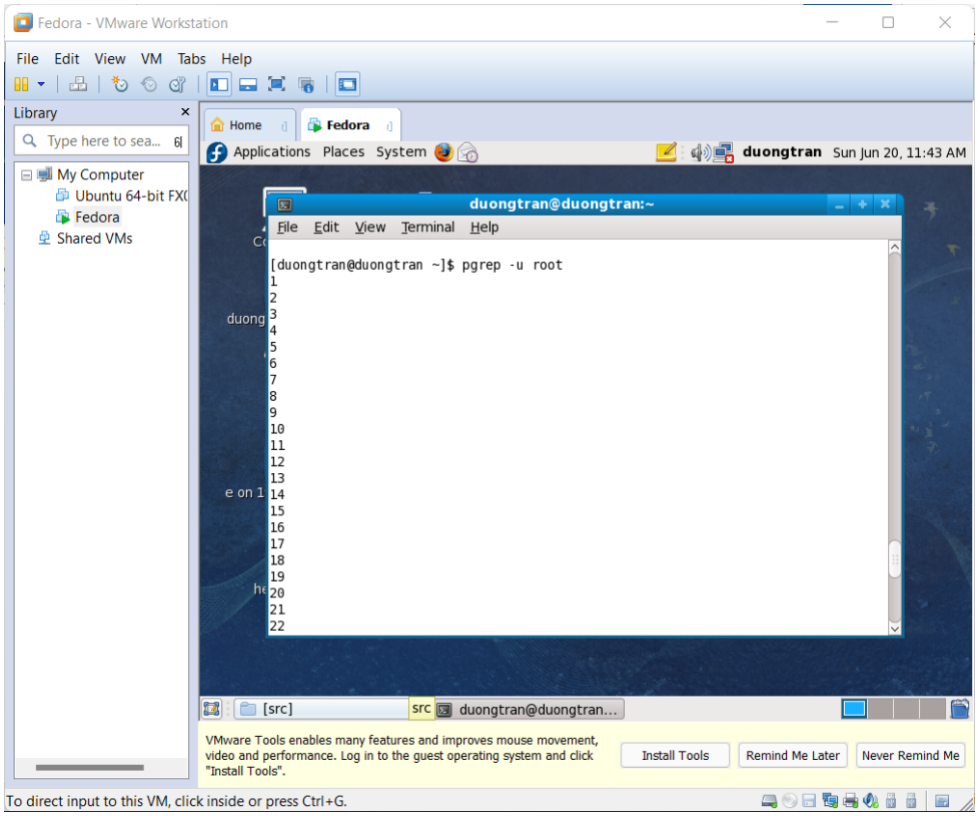
- **uptime**: It is used to find out how long the system is running. This command returns set of values that involve, the current time, and the amount of time system is in running state, number of users currently logged into, and the load time for the past 1, 5 and 15 minutes respectively.



- **free**: displays the total amount of free space available along with the amount of memory used and swap memory in the system, and also the buffers used by the kernel.



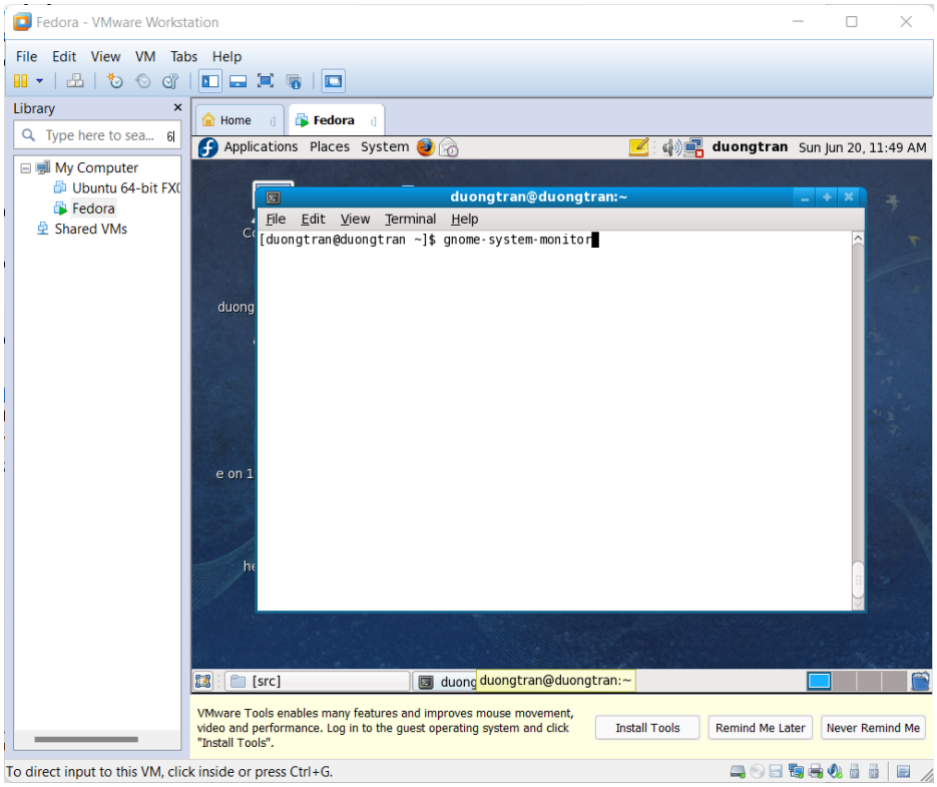
## Question 2: Capture the terminal screen using the “pgrep –u root” command



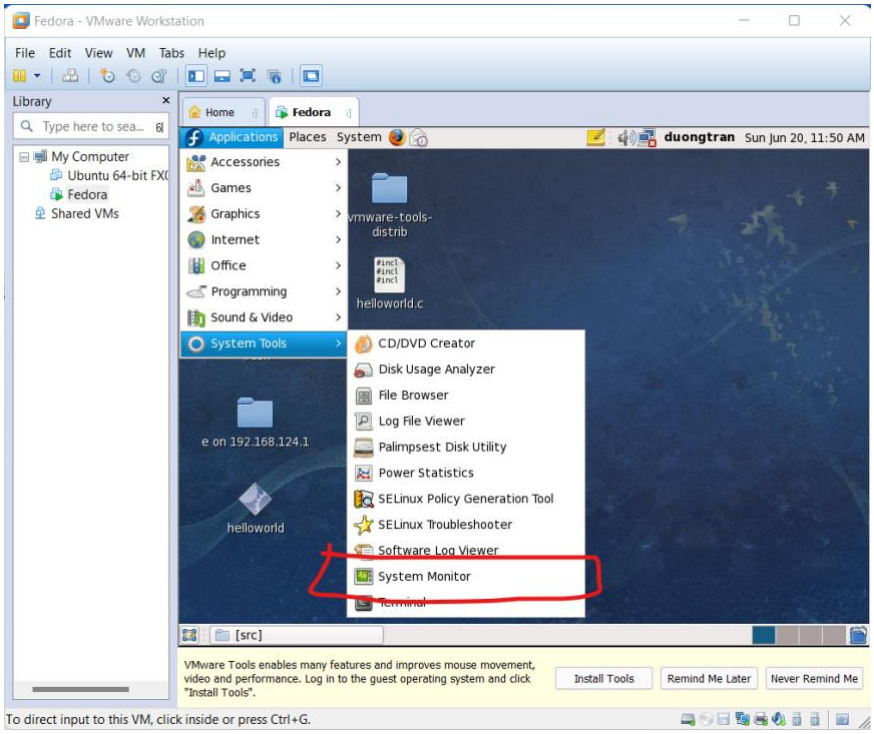

**Explaination**: **prgrep** is a command-line utility that allows you to find the process IDs of a running program based on given criteria. It can be a full or partial process name, a user running the process, or other attributes. We use **-u root** for telling **prgrep** to display processes being run by a given user.

# Question 3: How to open “Task Manager” on Fedora

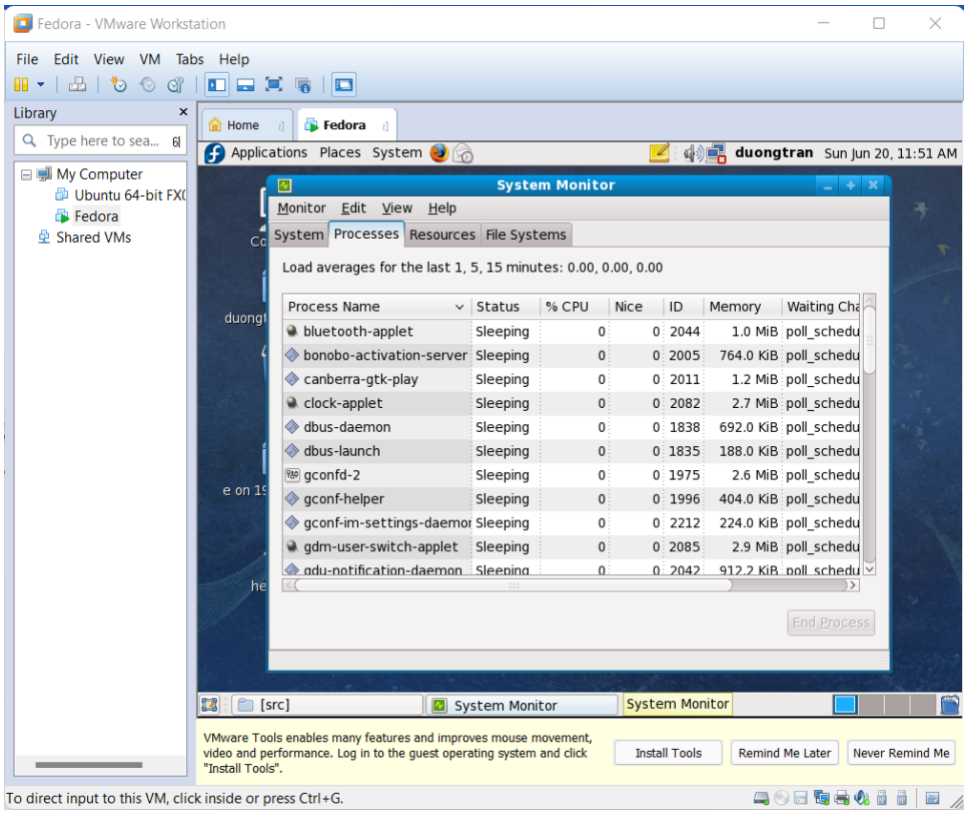
**Using command line**



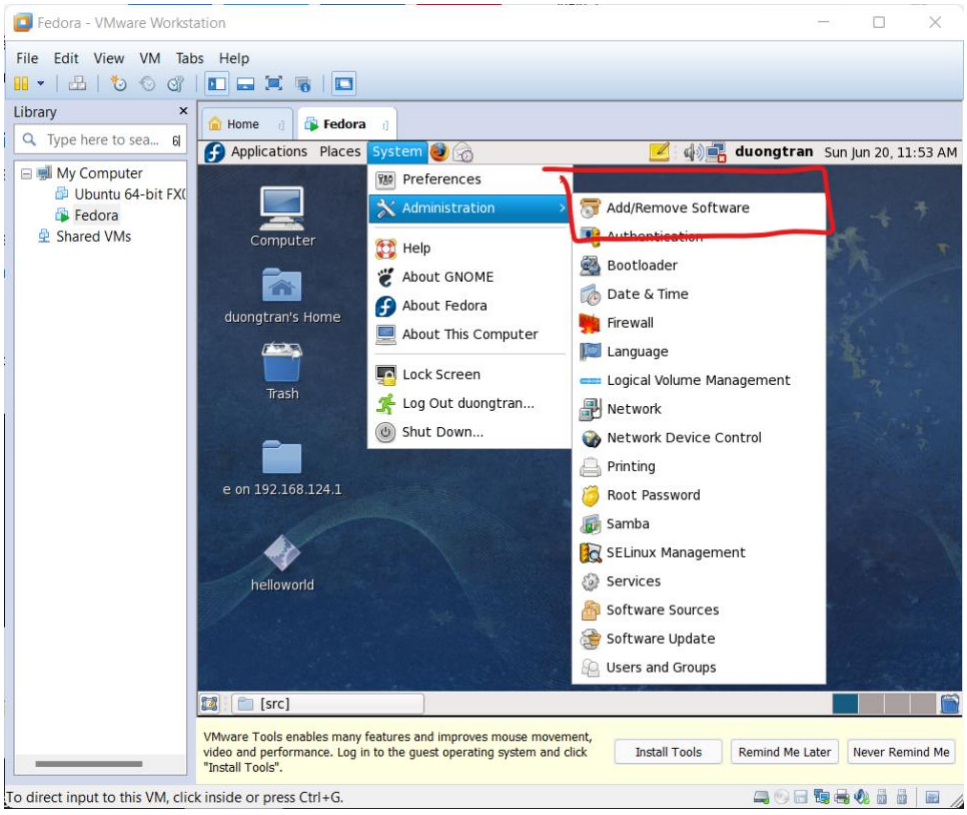

**Using GUI on taskbar**

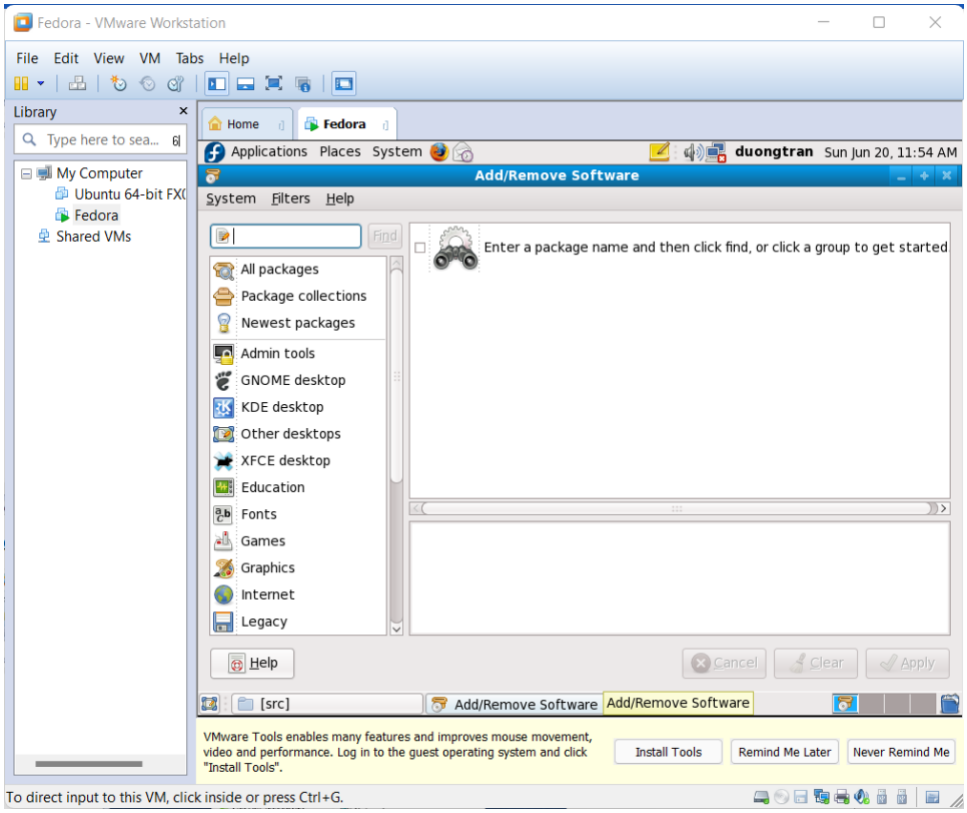


**Result:**




## Question 4: How to open “Add or Remove Software” in Fedora

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Ubuntu 64-bit FX(
Fedora
Shared VMs
Home
Fedora
Applications Places System
duongtran Sun Jun 20, 11:54 AM
Add/Remove Software
System Filters Help
Find
Enter a package name and then click find, or click a group to get started
All packages
Package collections
Newest packages
Admin tools
GNOME desktop
KDE desktop
Other desktops
XFCE desktop
Education
Fonts
Games
Graphics
Internet
Legacy
Help
Cancel
Clear
Apply
[src]
Add/Remove Software
Add/Remove Software
VMware Tools enables many features and improves mouse movement, video and performance. Log in to the guest operating system and click "Install Tools".
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