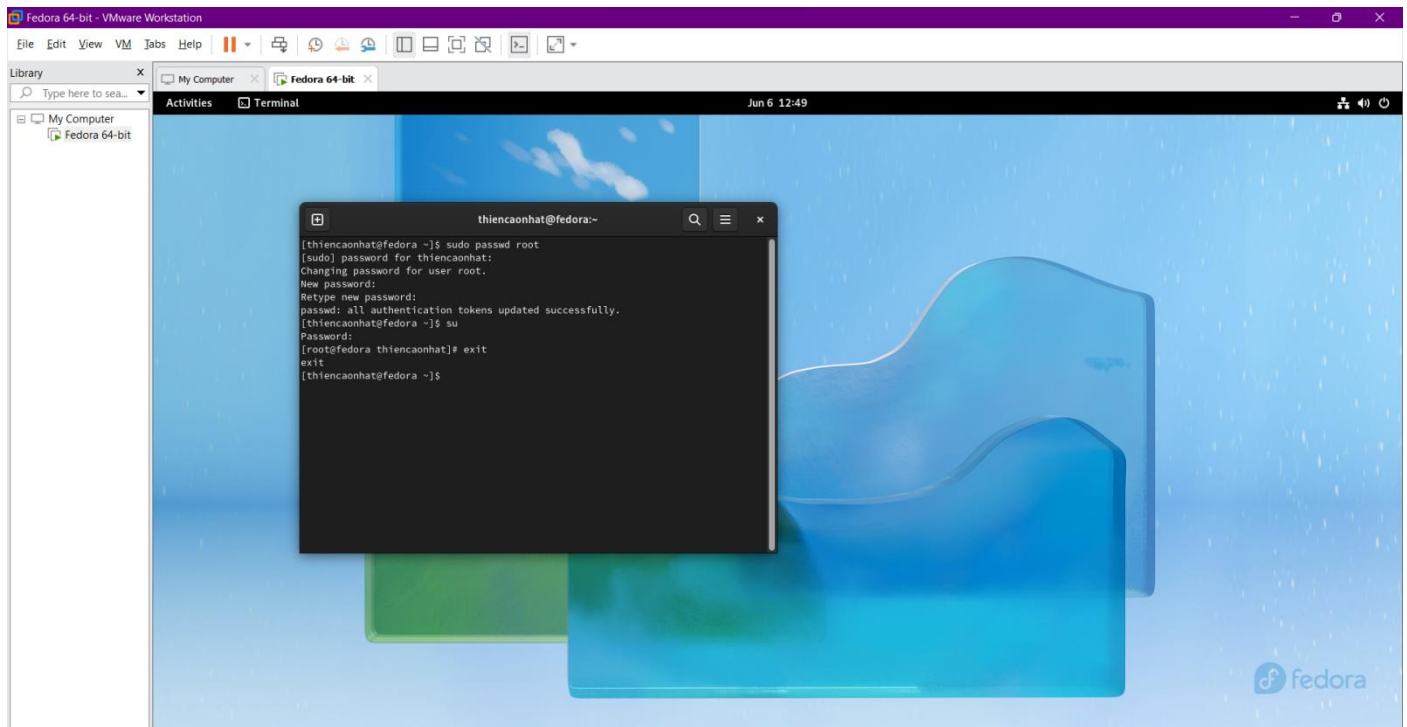
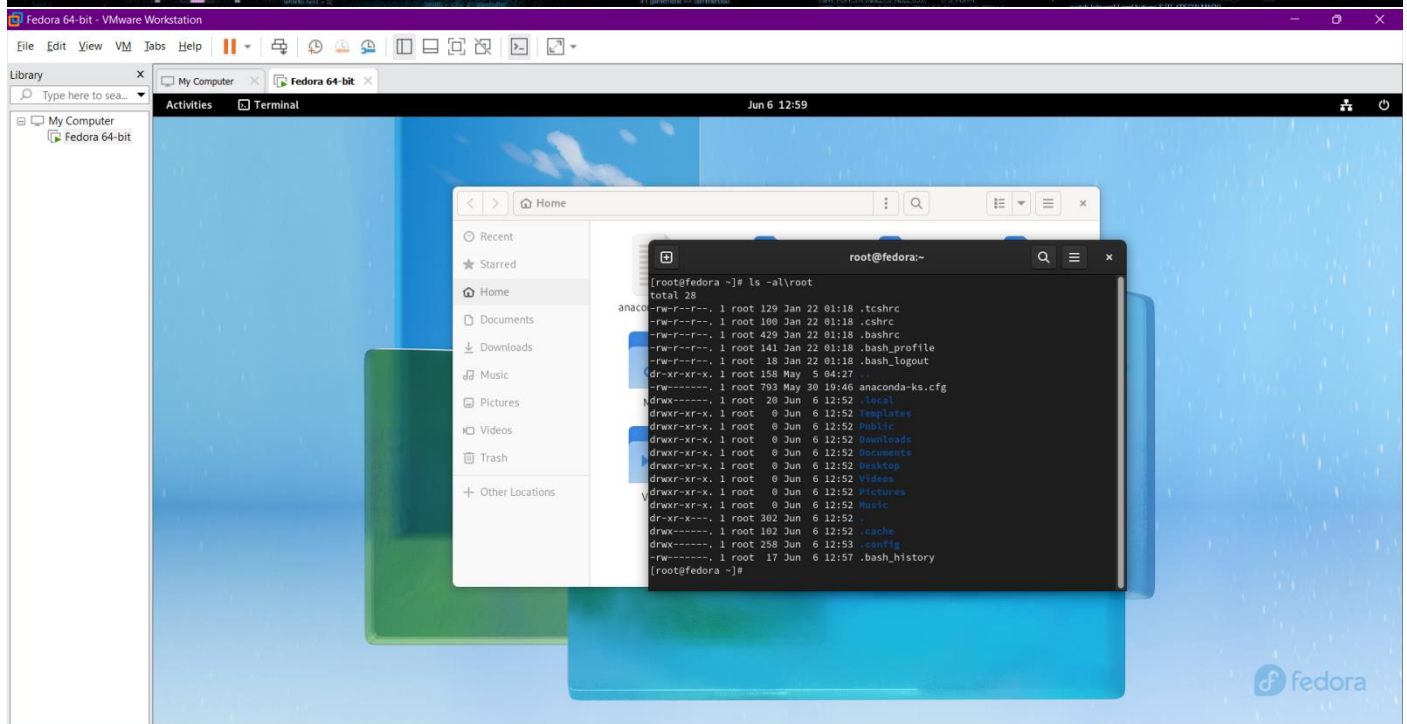


- Create password for root account

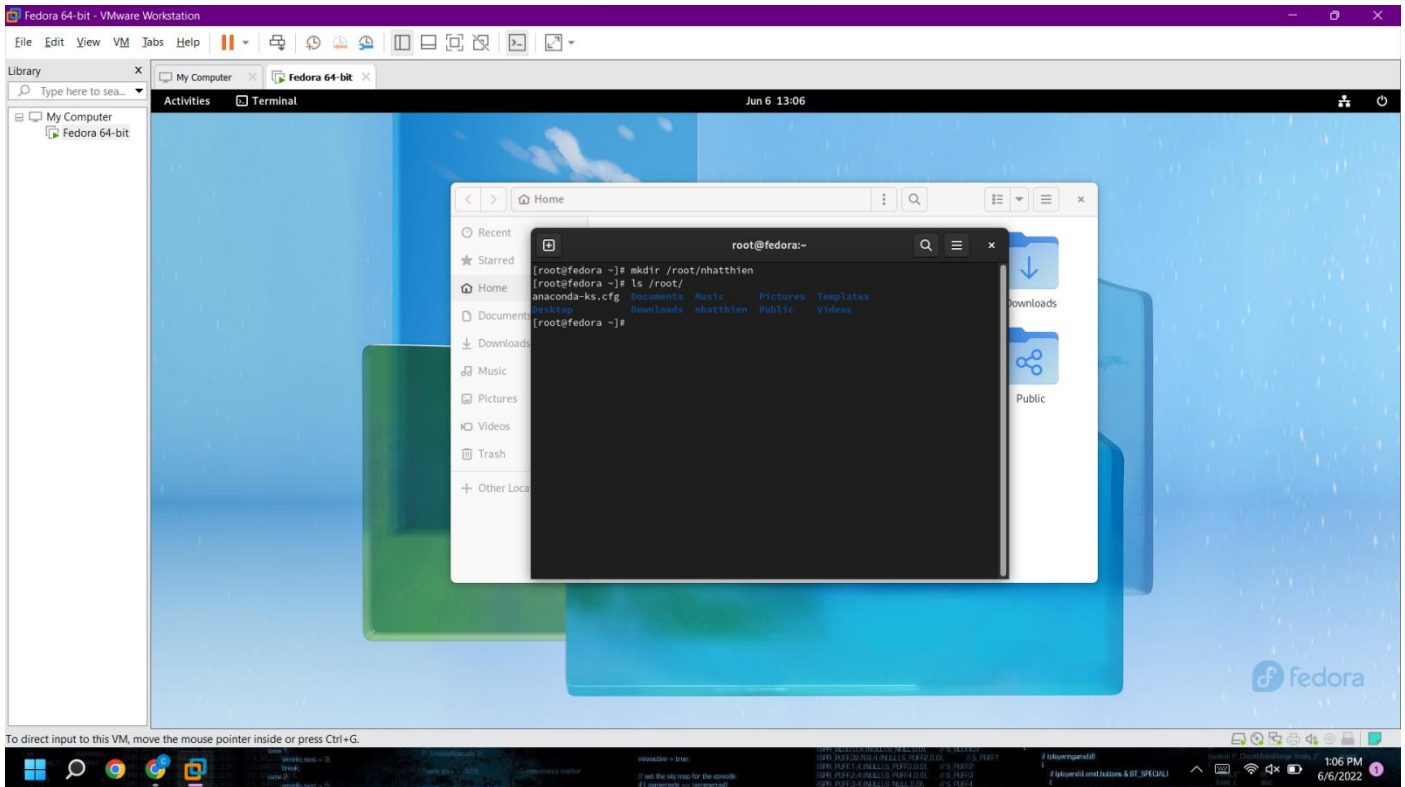


To direct input to this VM, move the mouse pointer inside or press Ctrl+G.



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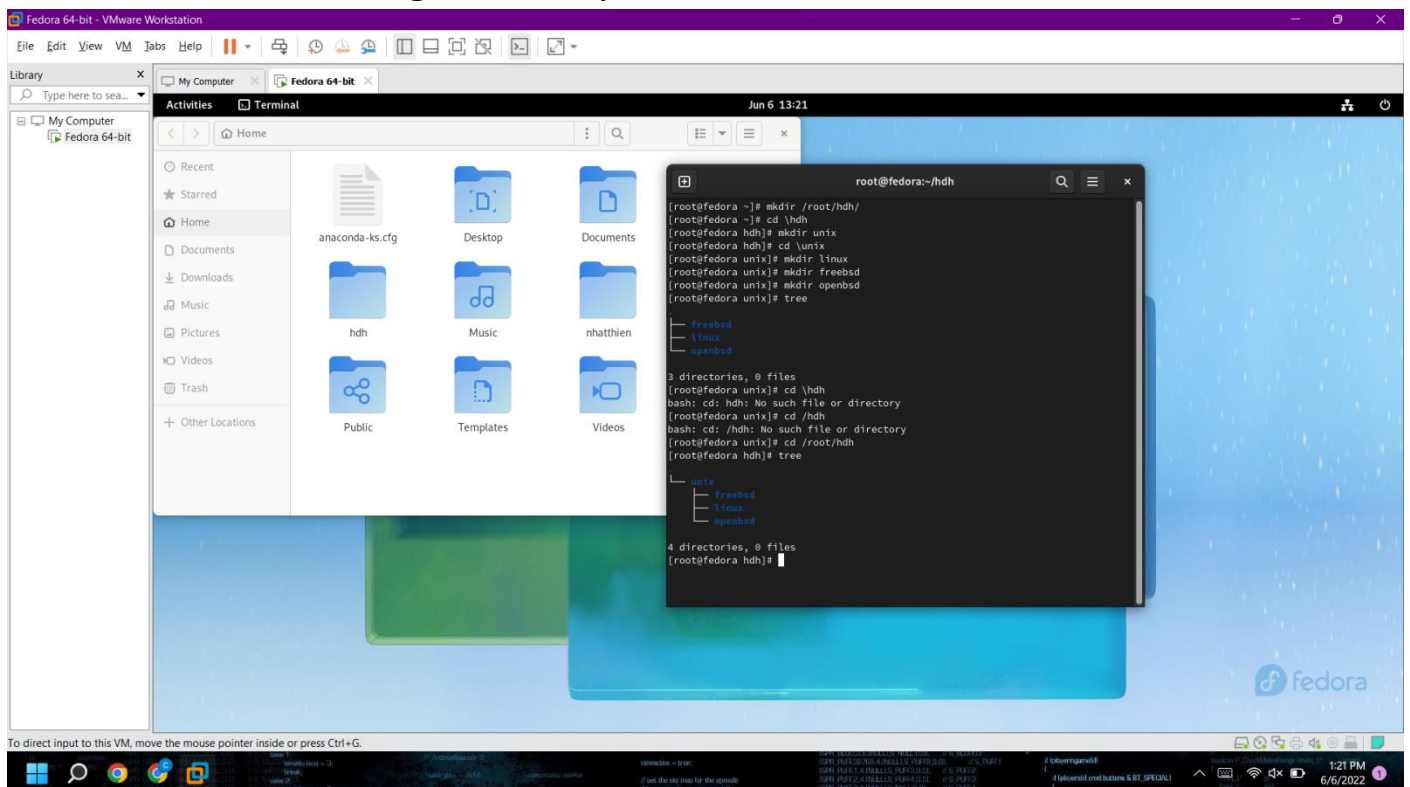
- Create file using 'mkdir'

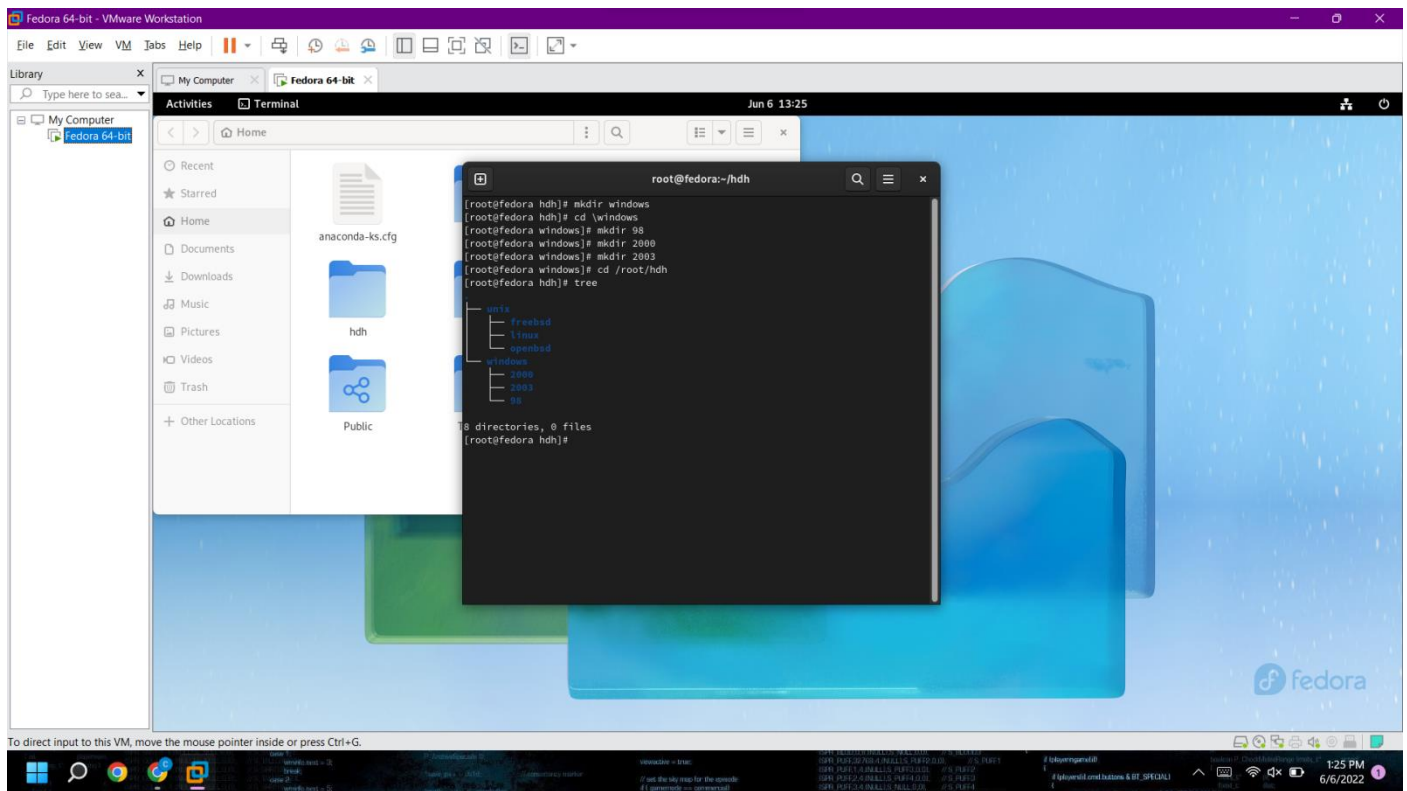


```

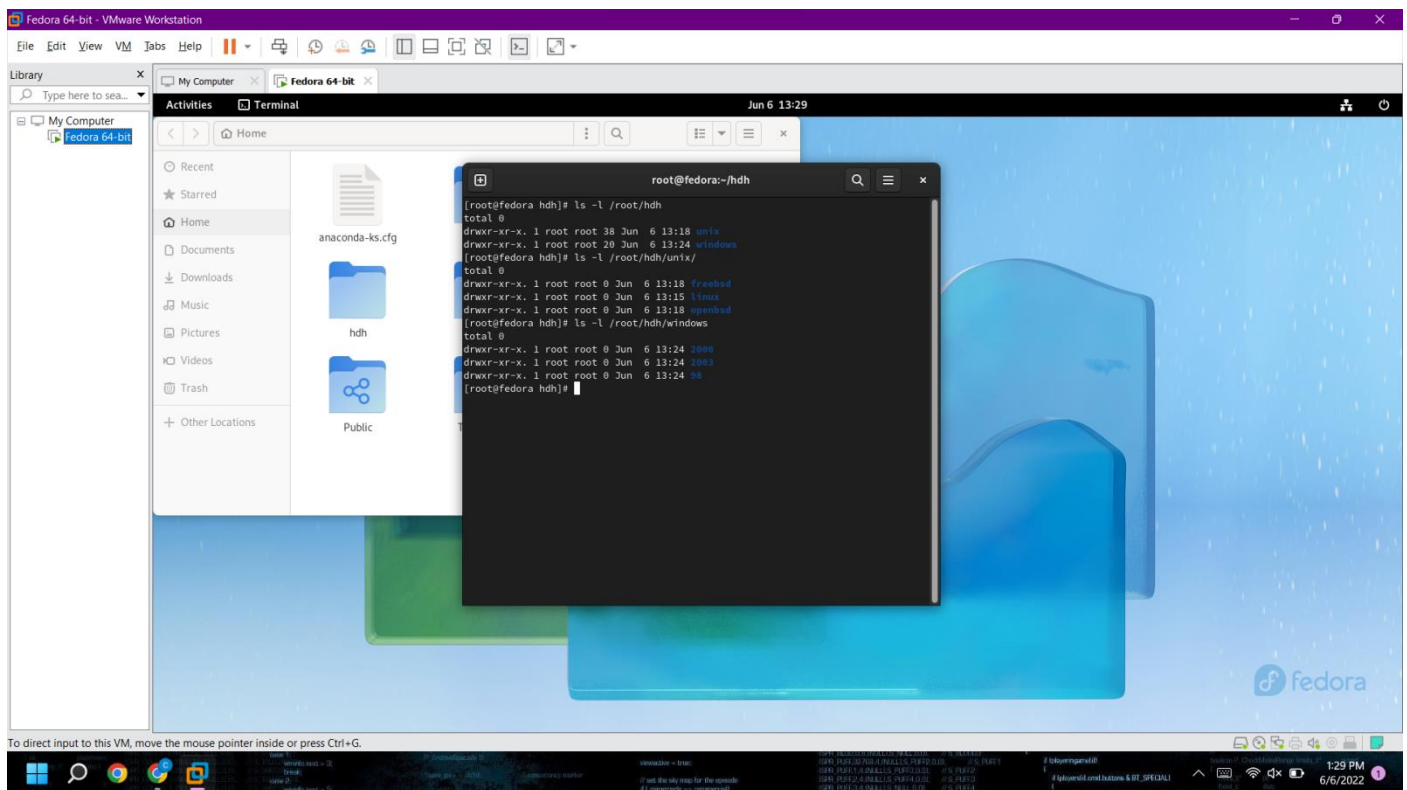
---hdh
    |--- unix
    |   |--- linux
    |   |--- freebsd
    |   |--- openbsd
    |--- windows
    |   |--- 98
    |   |--- 2000
    |   |--- 2003
  
```

- Create the following directory tree

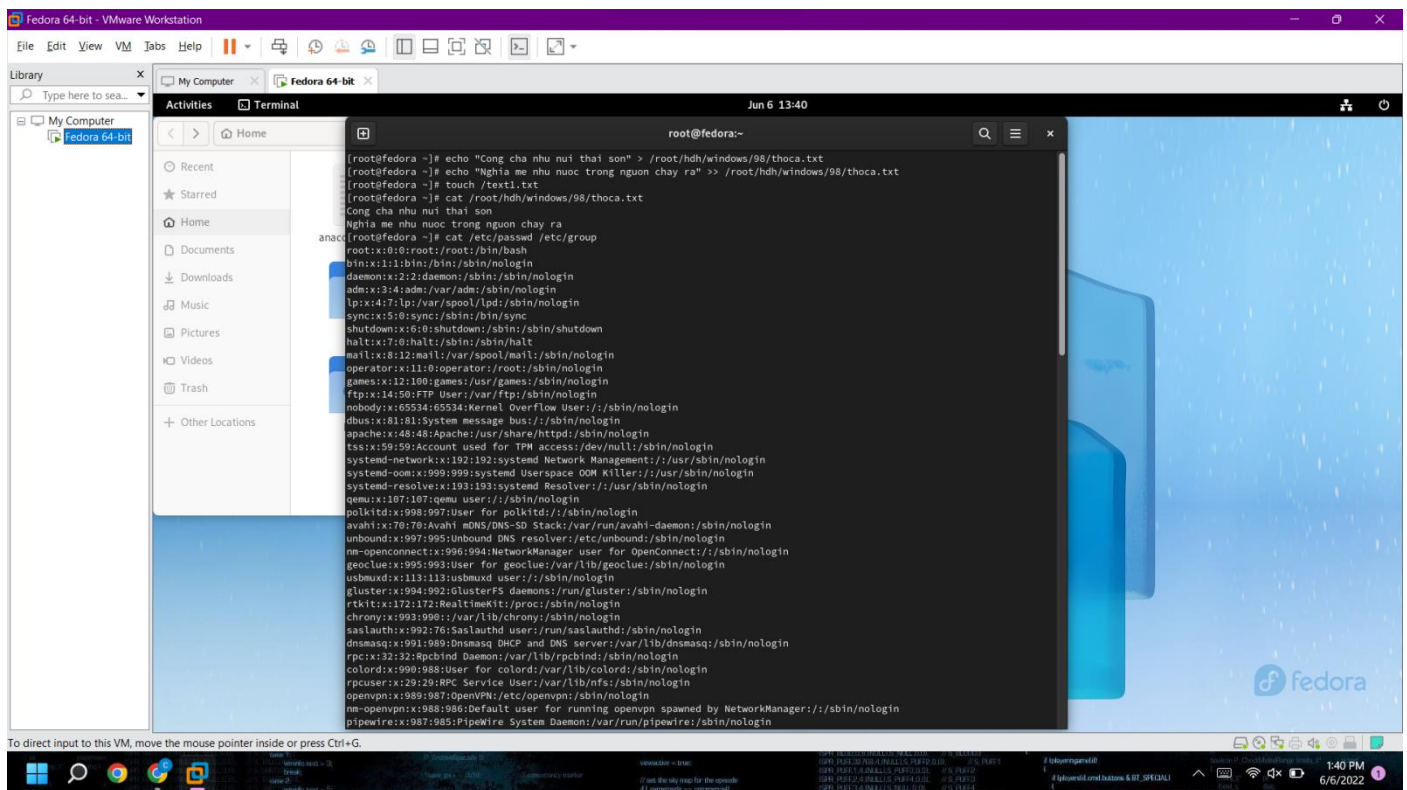




- View the directory or file: ls or ll



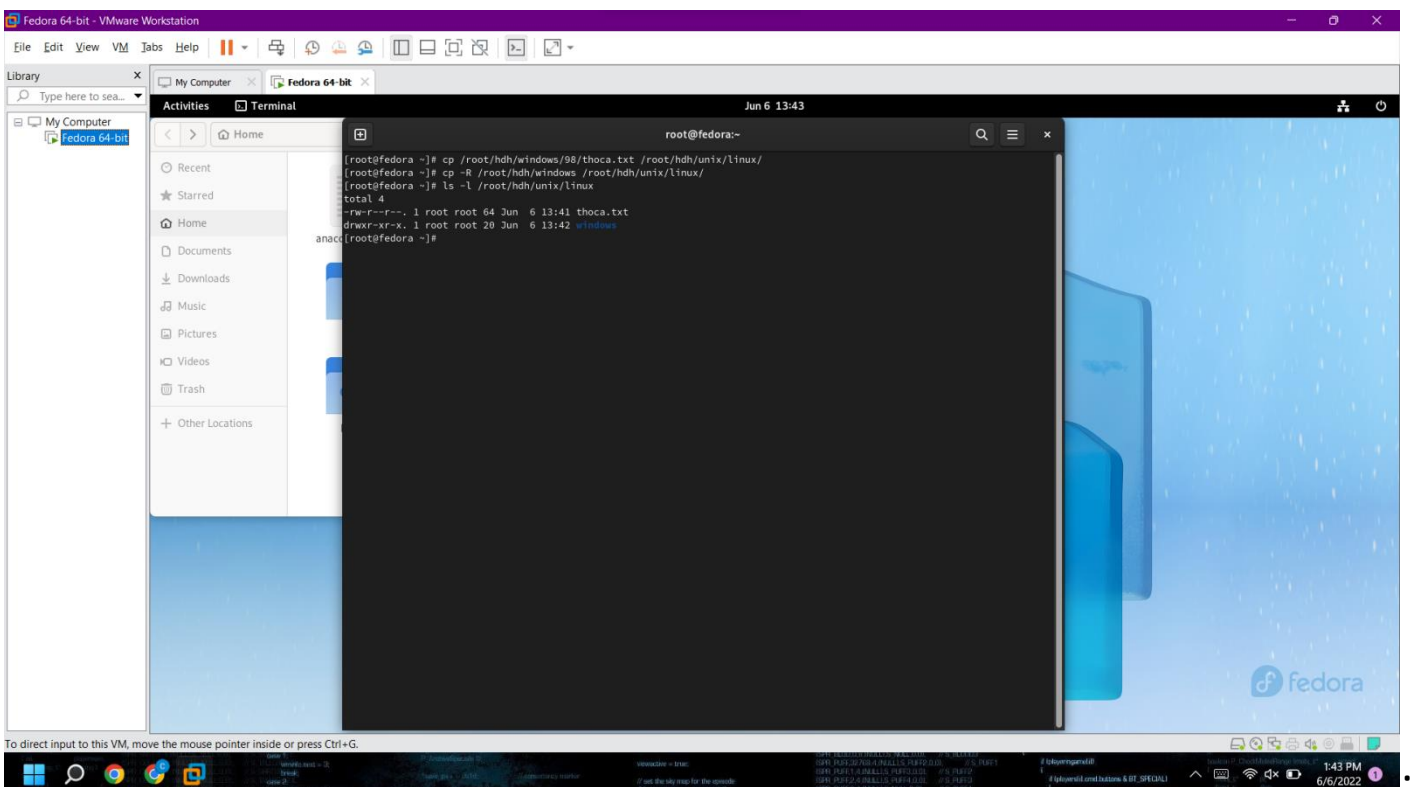
- Create the file with name thoca.txt with contentss “Cong cha nhu nui thai son” located at 98 directory and Adding the “Nghia me nhu nuoc trng nuon chay ra” sentence into thoca.txt:



The screenshot shows a terminal window in a VM. The user is root. They create a file thoca.txt in /root/hdh/windows/98/ with the content "Cong cha nhu nui thai son". Then they append "Nghia me nhu nuoc trng nuon chay ra" to the file. Finally, they use the cat command to display the contents of the file, which shows both lines of text.

```
root@fedora:~# echo "Cong cha nhu nui thai son" > /root/hdh/windows/98/thoca.txt
root@fedora:~# echo "Nghia me nhu nuoc trng nuon chay ra" >> /root/hdh/windows/98/thoca.txt
root@fedora:~# cat /root/hdh/windows/98/thoca.txt
Cong cha nhu nui thai son
Nghia me nhu nuoc trng nuon chay ra
```

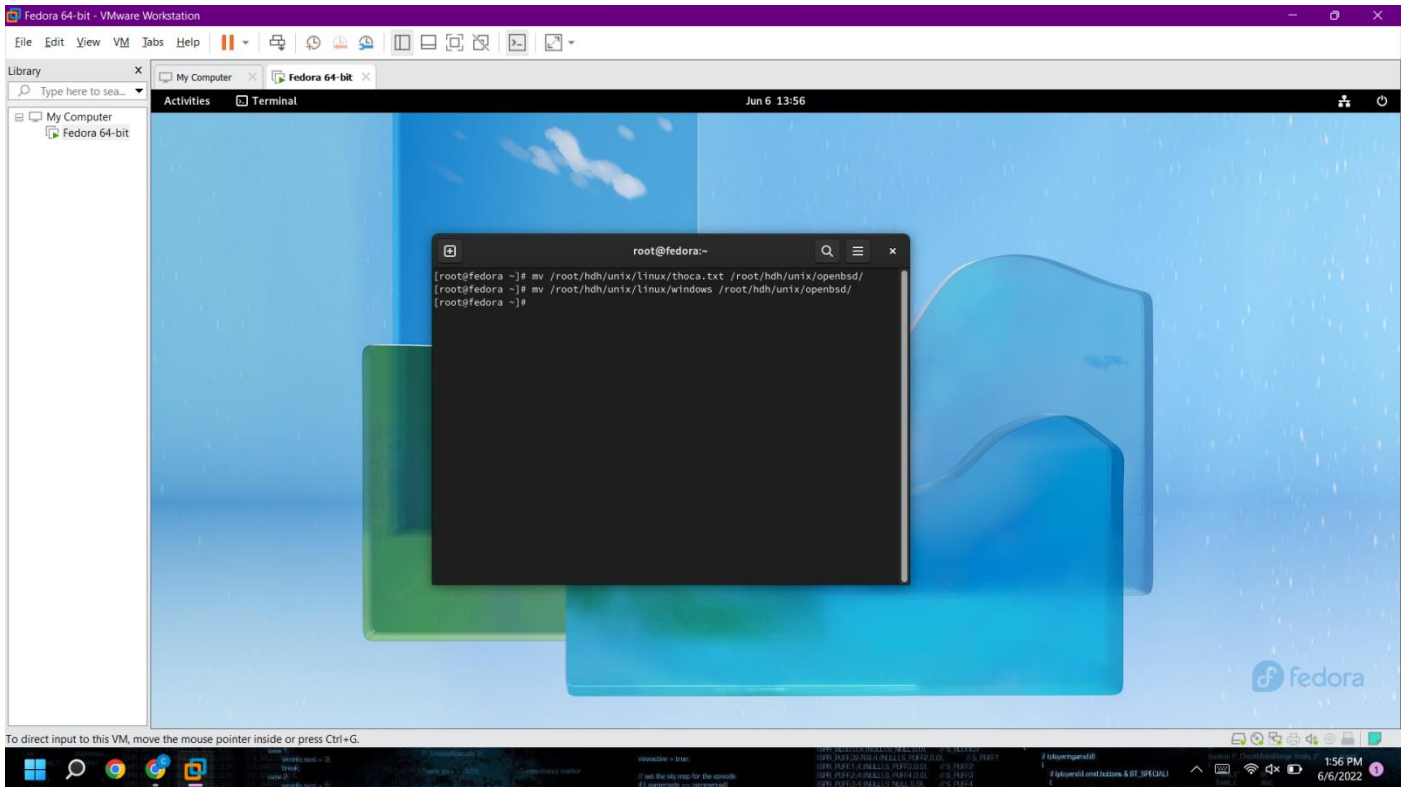
- Copy a file/ directory: cp



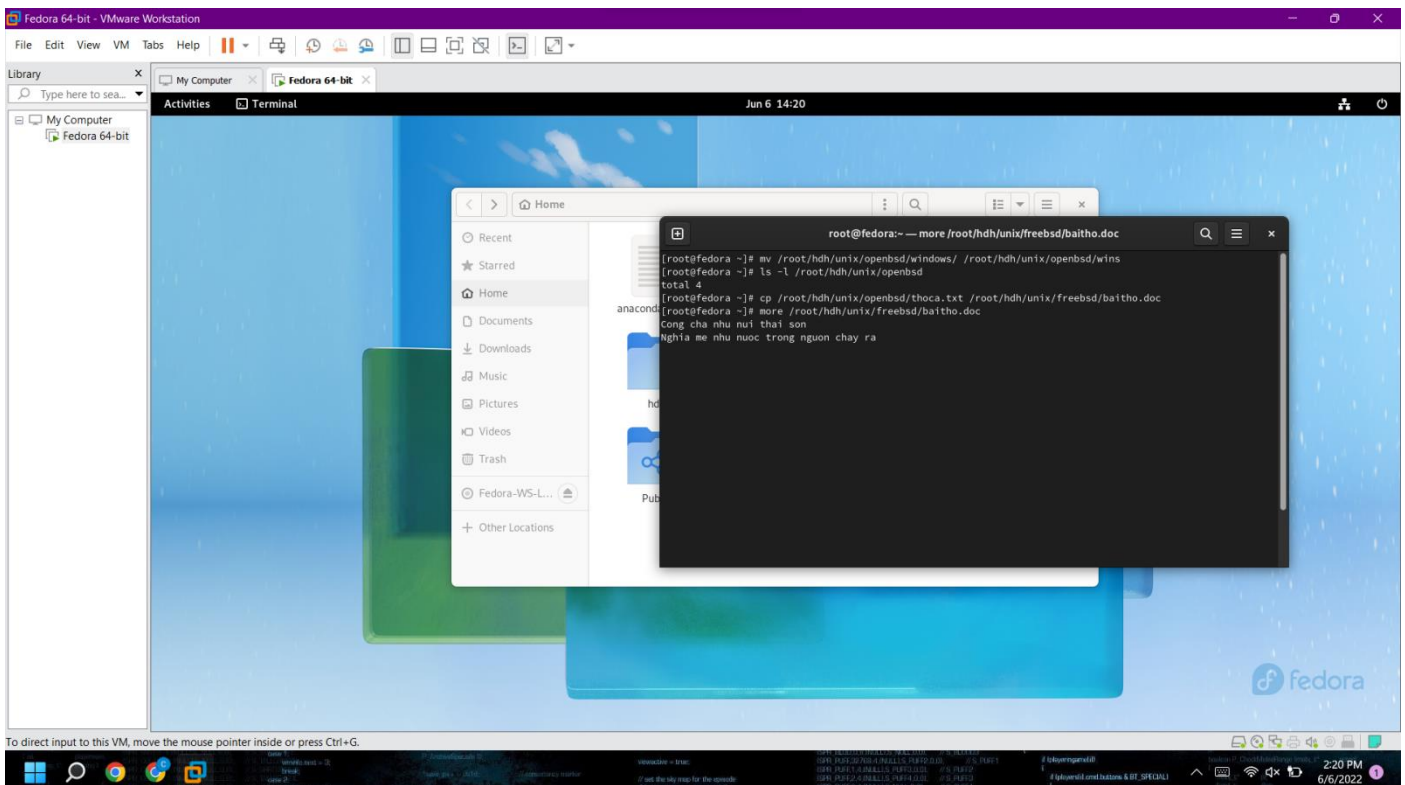
The screenshot shows a terminal window in a VM. The user is root. They use the cp command to copy thoca.txt from /root/hdh/windows/98/ to /root/hdh/linux/. Then they use the ls -l command to list the contents of /root/hdh/linux/, showing thoca.txt as a file of 4 bytes.

```
root@fedora:~# cp /root/hdh/windows/98/thoca.txt /root/hdh/linux/
root@fedora:~# ls -l /root/hdh/linux/
total 4
-rw-r--r--. 1 root root 64 Jun 6 13:41 thoca.txt
```

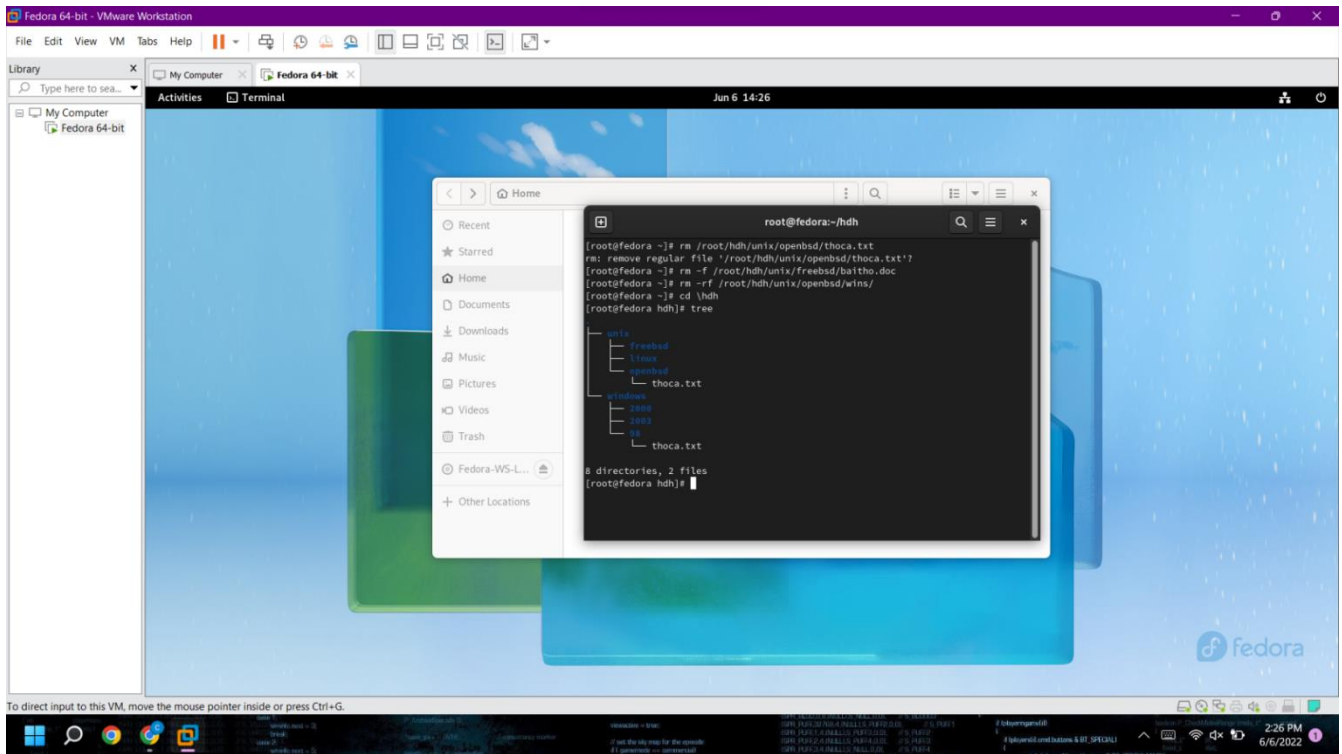

- Move objects: mv



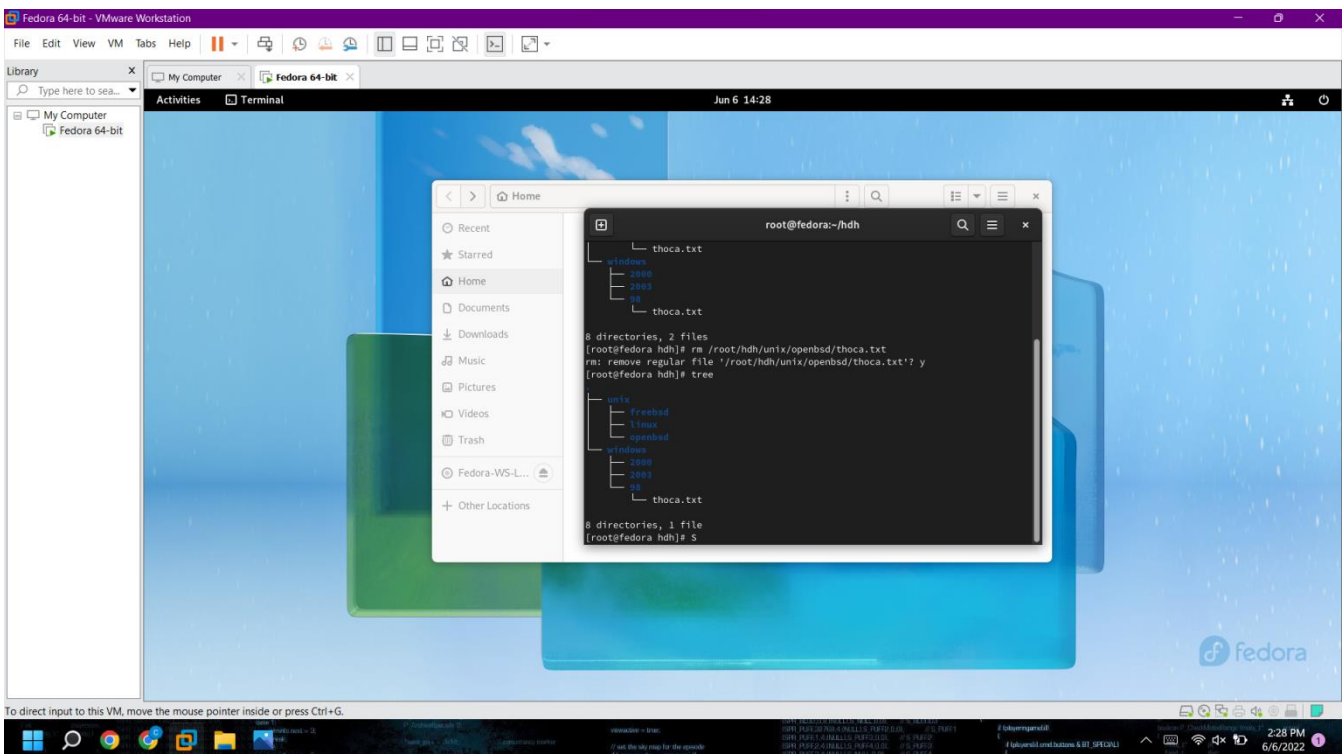
- Rename the windows directory in the openbsd directory to wins and then copy the thoca.txt directory in the openbsd directory to the freebsd directory and rename to baitho.doc



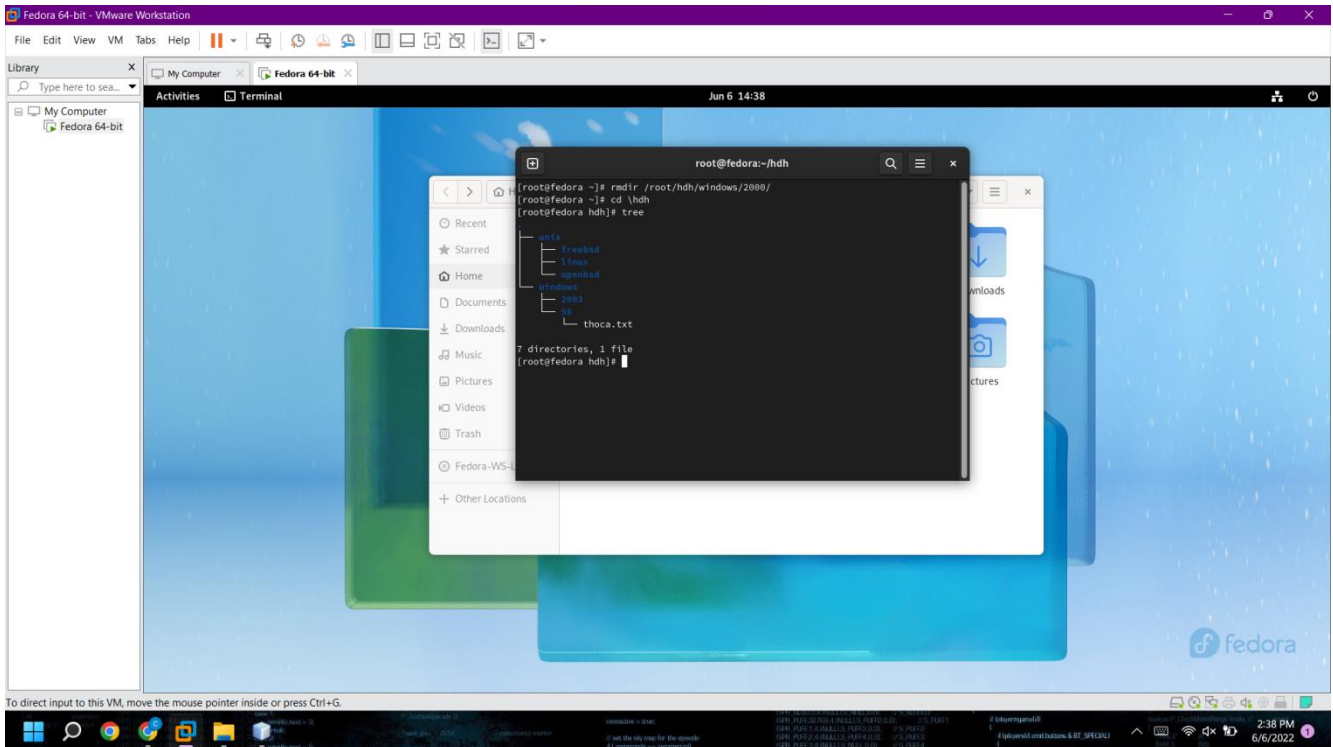
- Delete the thoca.txt file in openbsd directory:
- If wanting to delete without asking before, the option (-f) is used
- To delete the directory, the option (-rf) is used



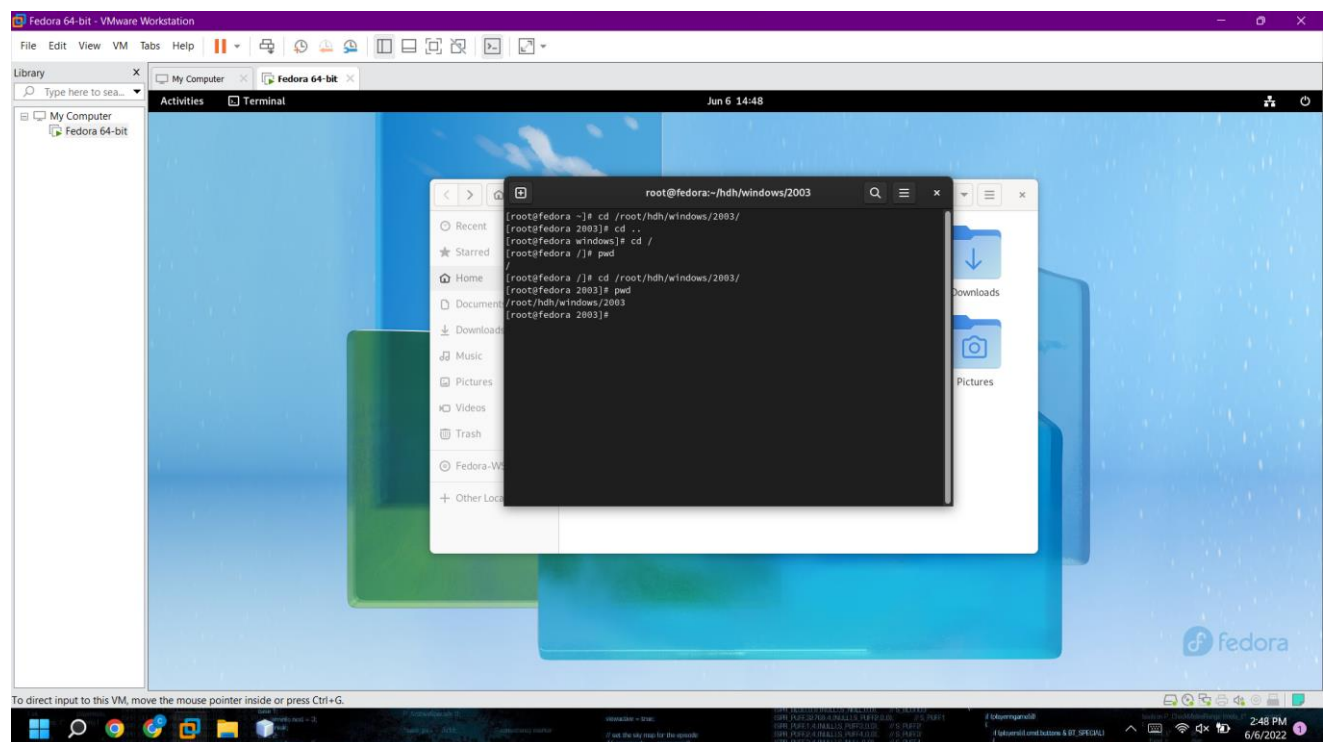
- But rm need tap 'y' to delete, so after tap 'y' :



- Delete the empty directory: rmdir:

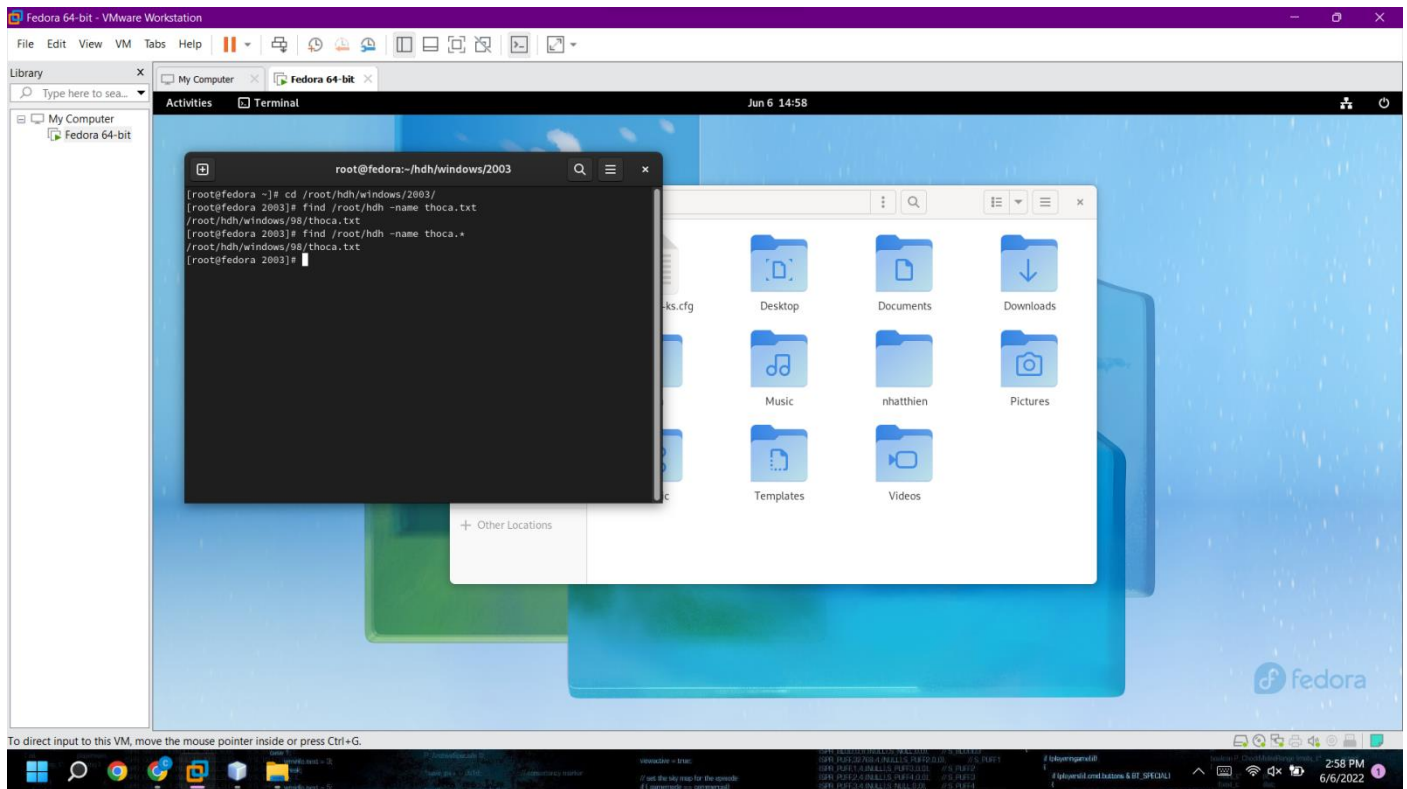


- Change to the directory and View the current directory: pwd

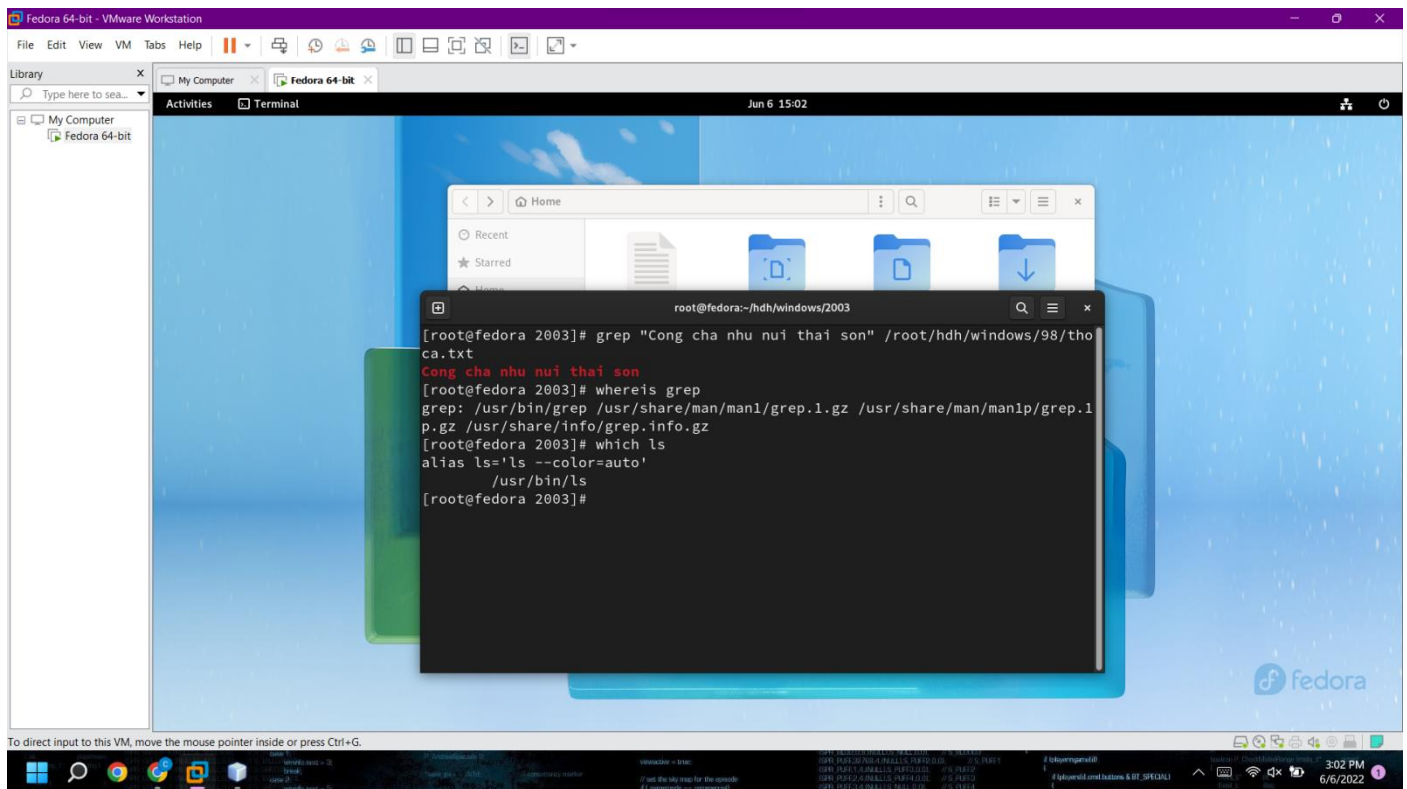


- Searching o

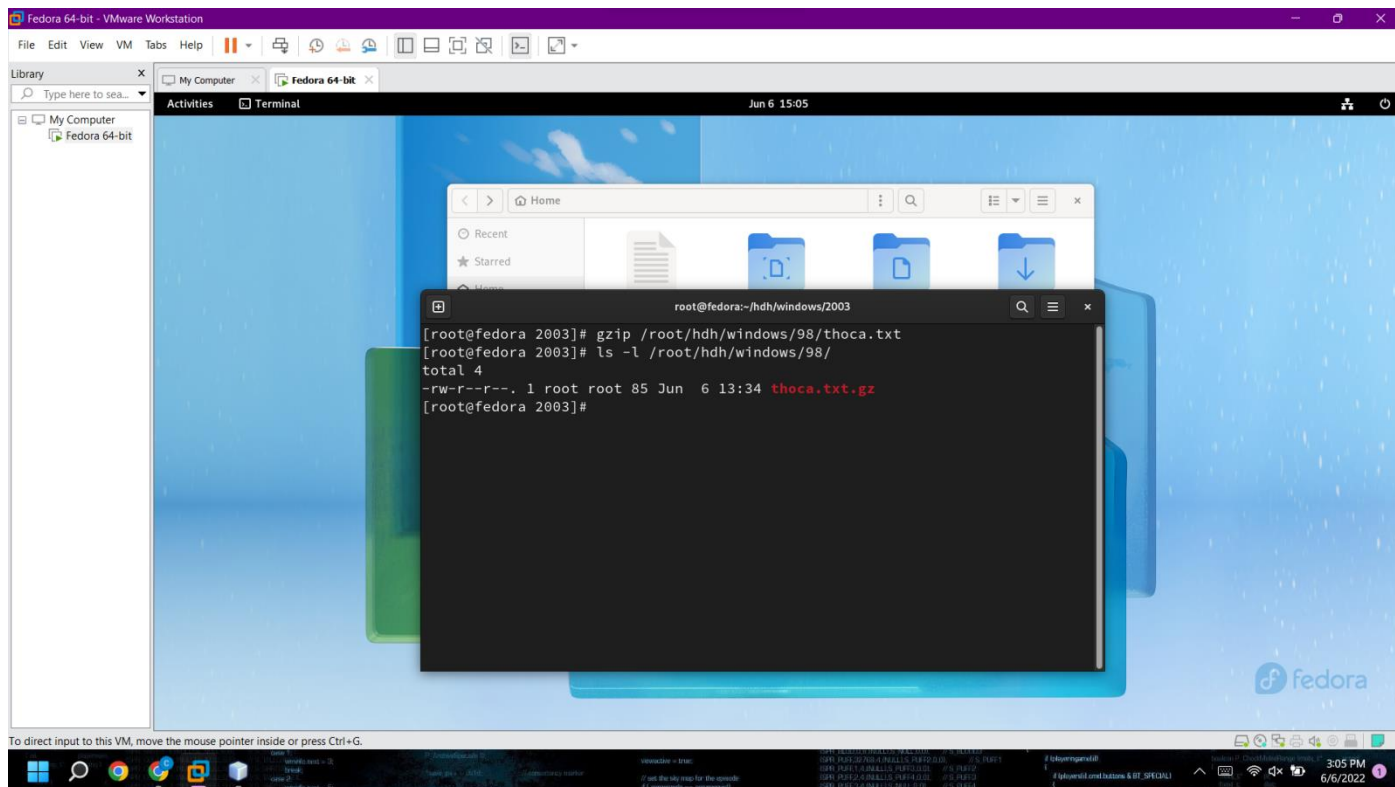
- Search the thoca.txt file:



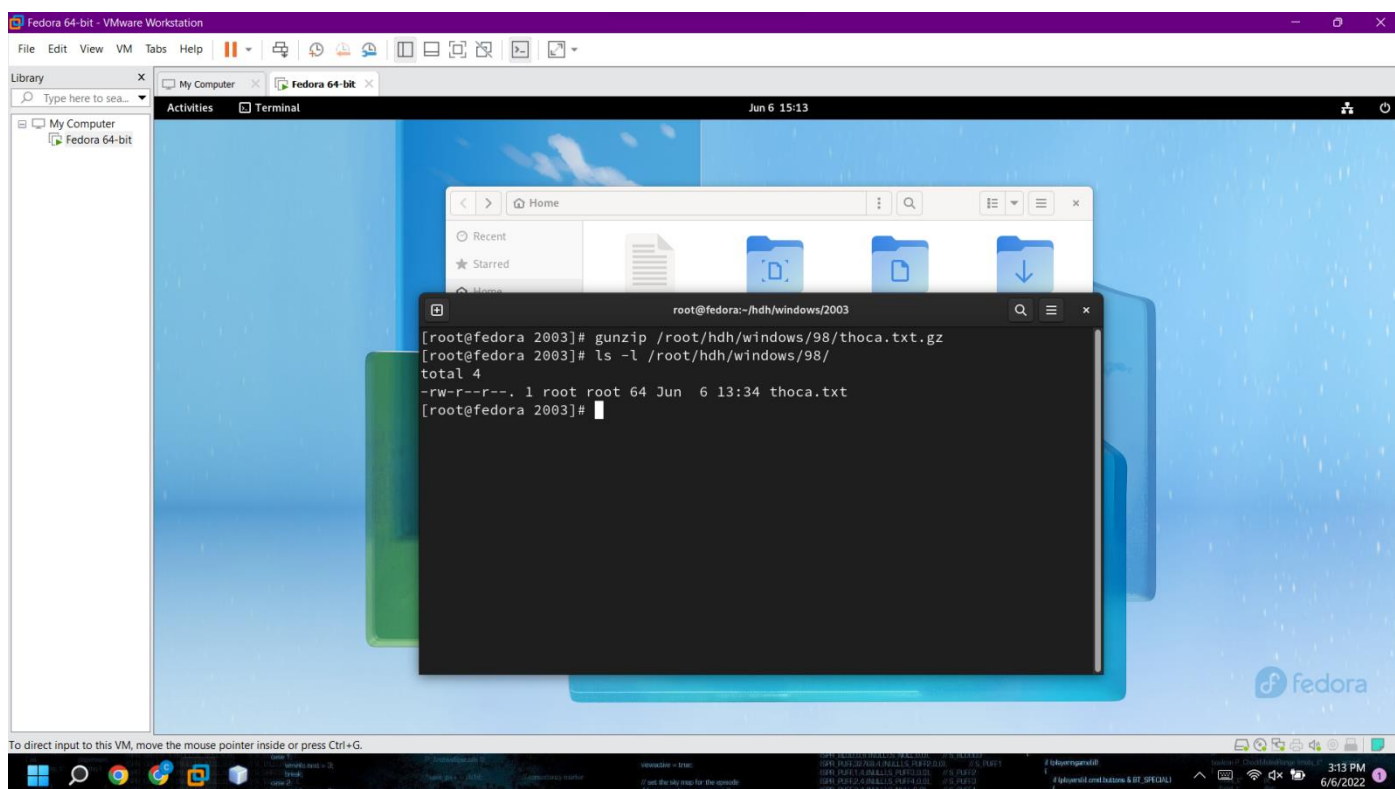
- Search the “Cong cha nhu nui thai son” sentences in the thoca.txt



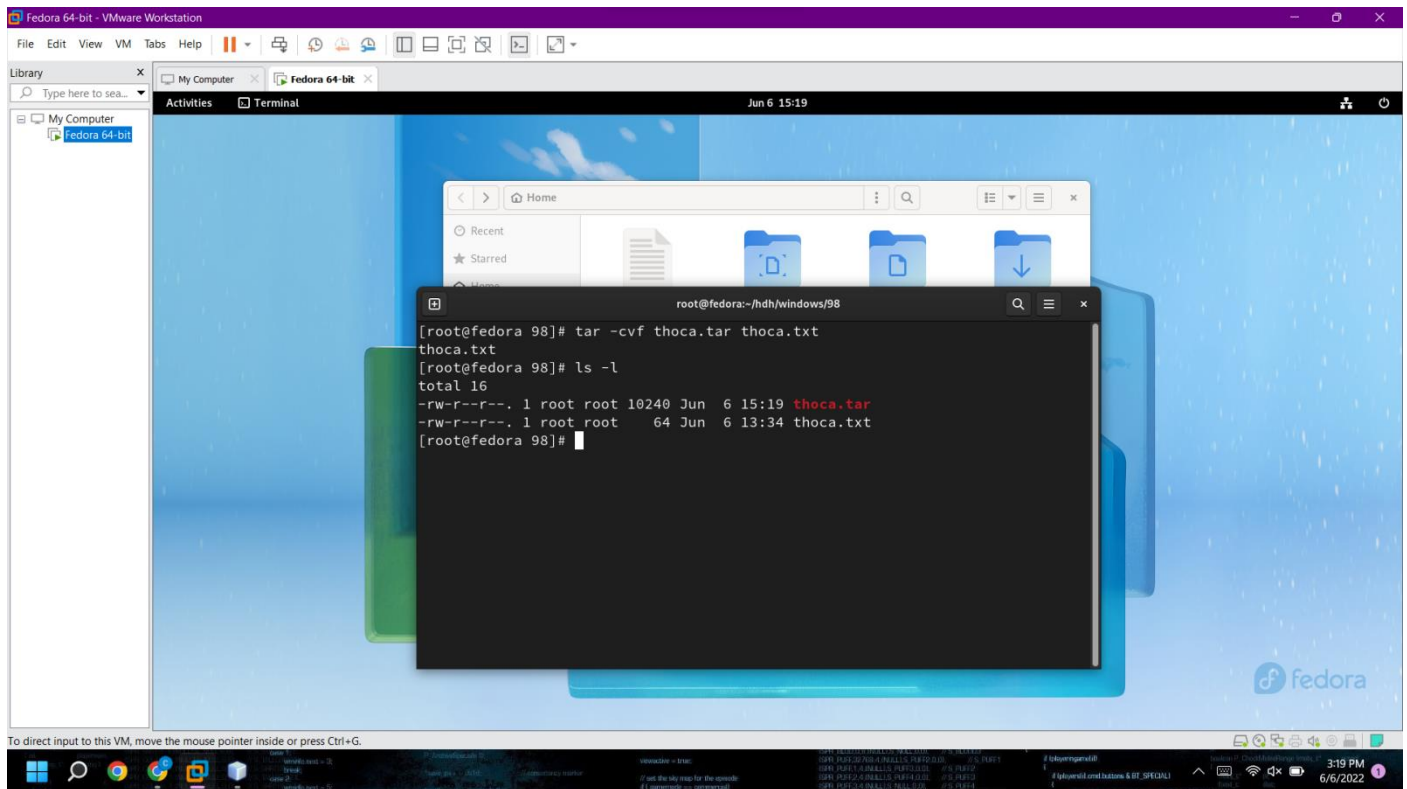
- Zip or unzip:
- Using gzip/gunzip:
- +Zip the thoca.txt file:



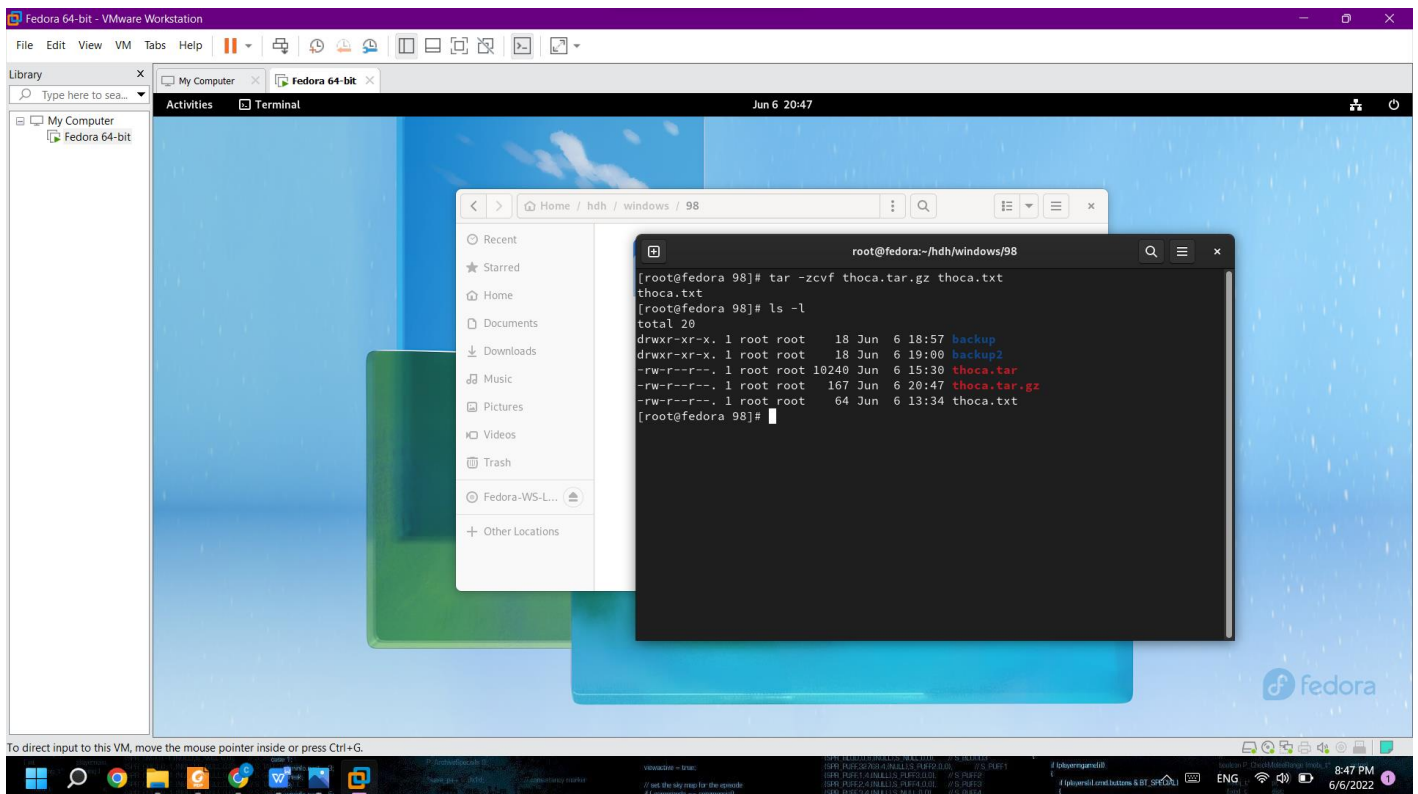
- + Unzip:



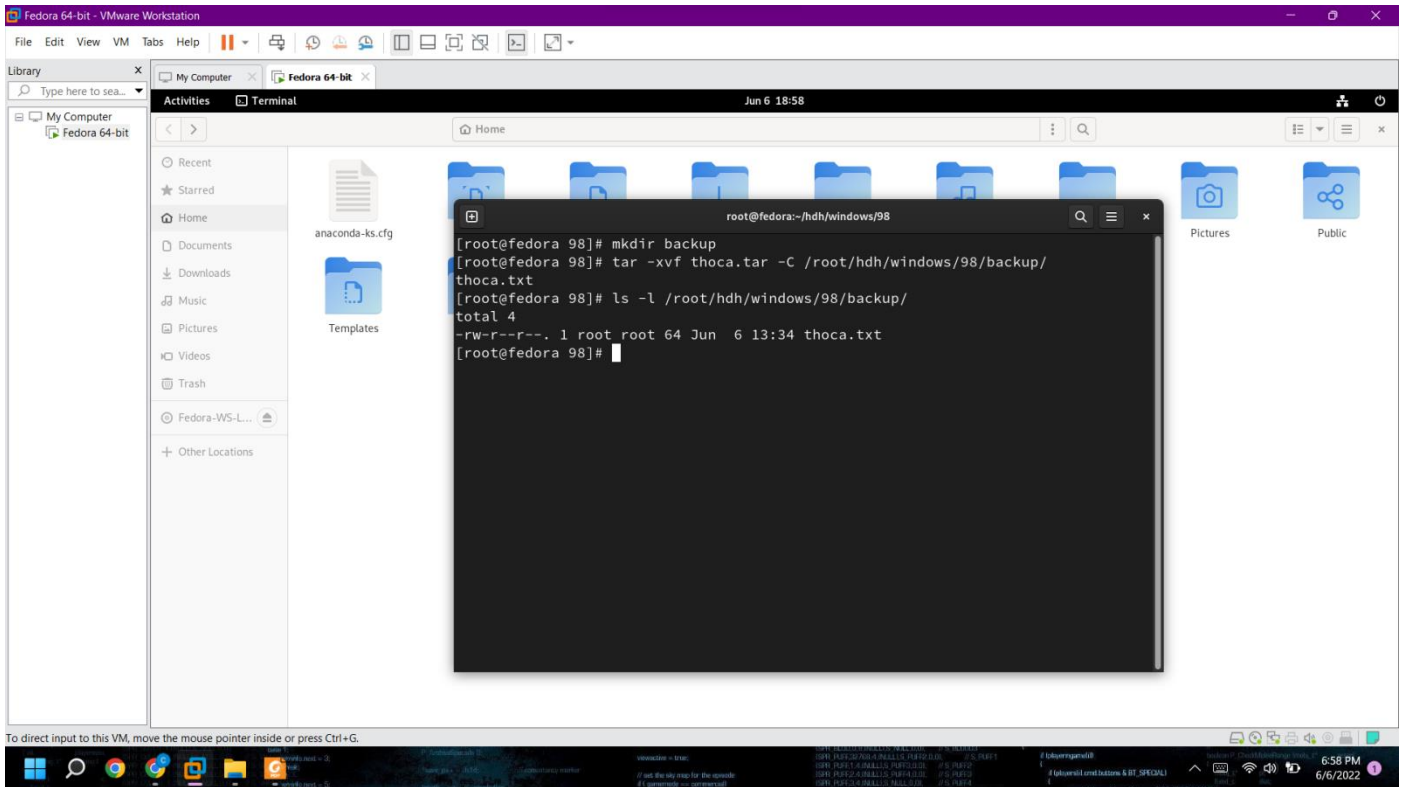
- Using tar Zip the thoca.txt file to the .tar



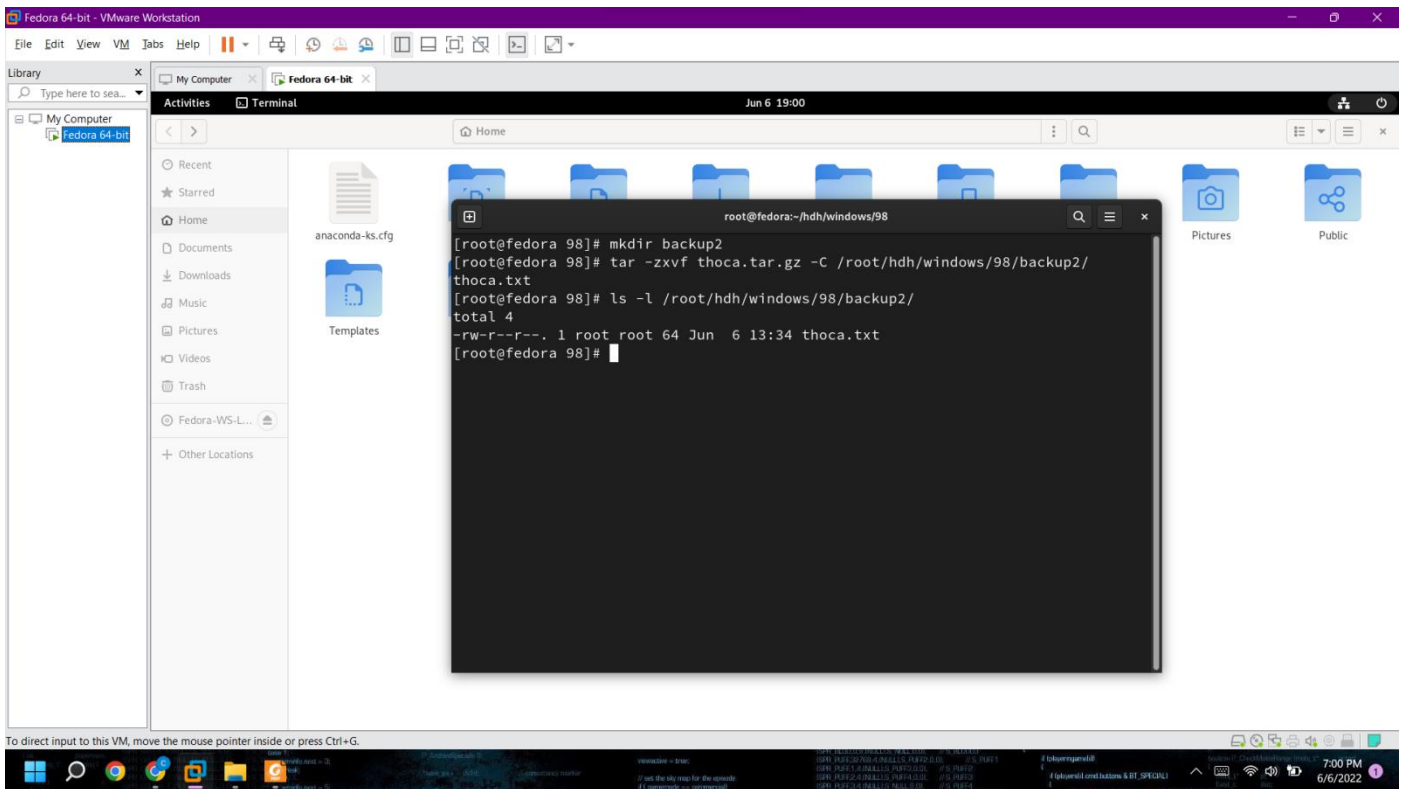
- Zip the thoca.txt file to the .tar.gz extension:



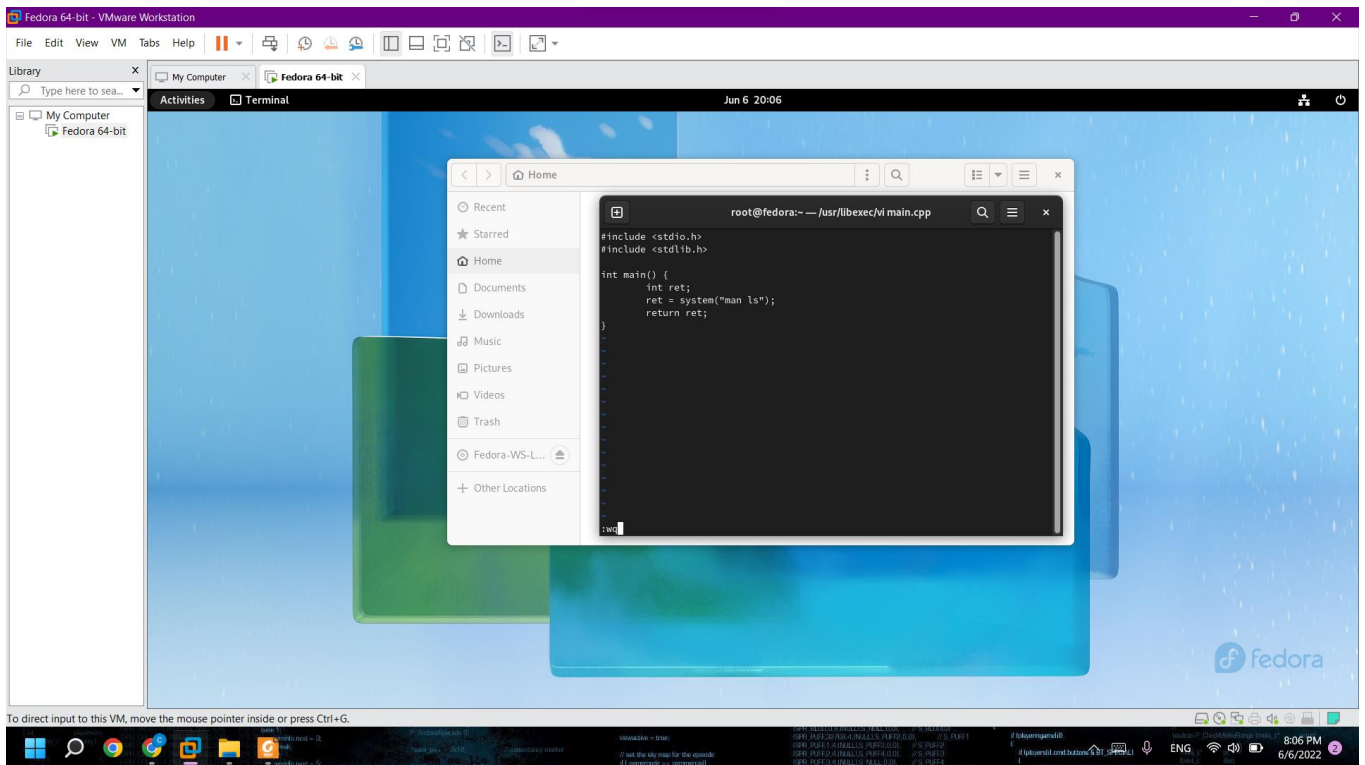
- Unzip .tar to backup



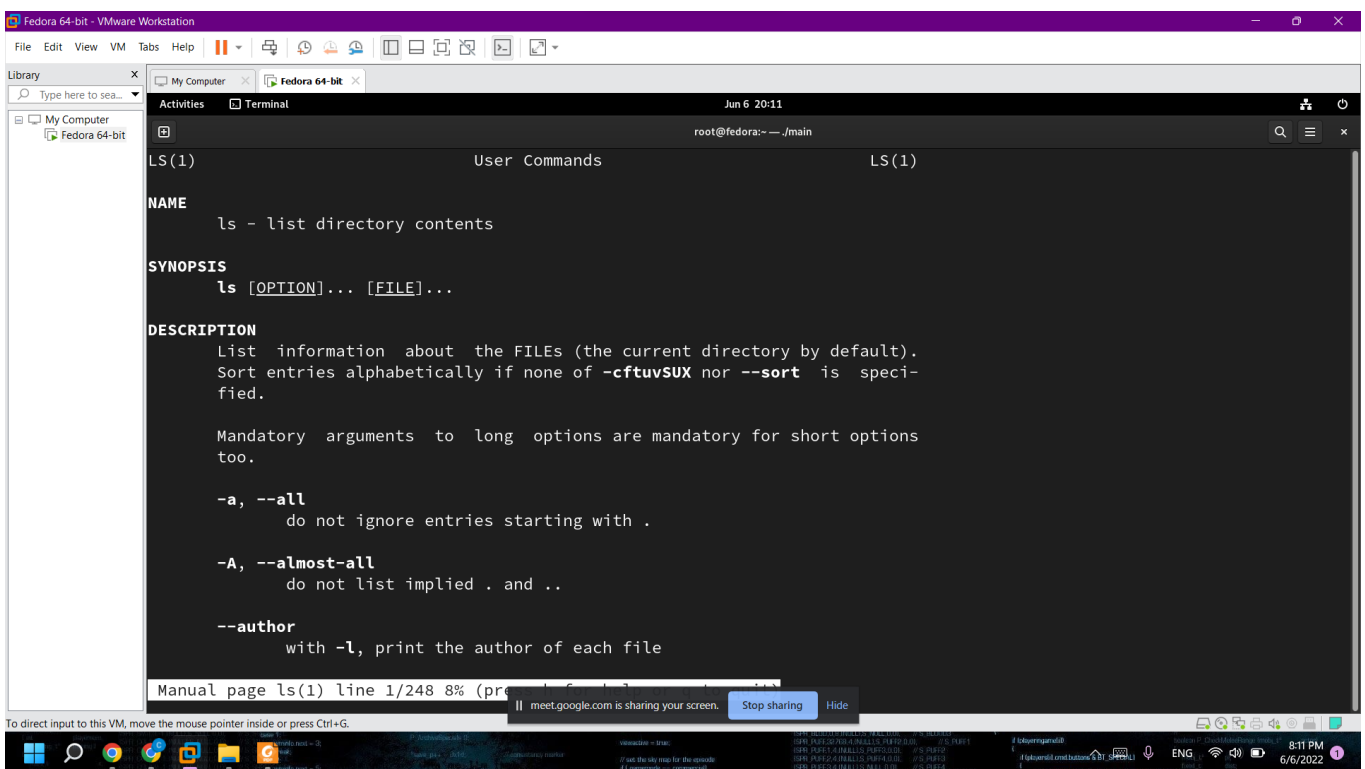
- Unzip .tar.gz to backup2



- Create file main.cpp to code C++



- Run code:



-end-