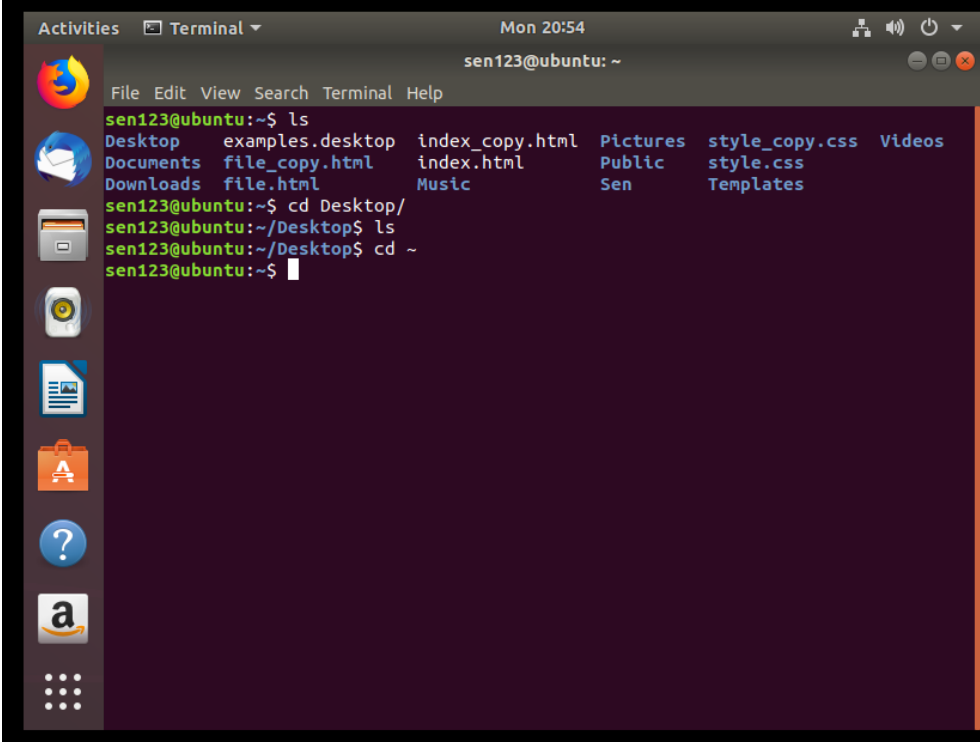


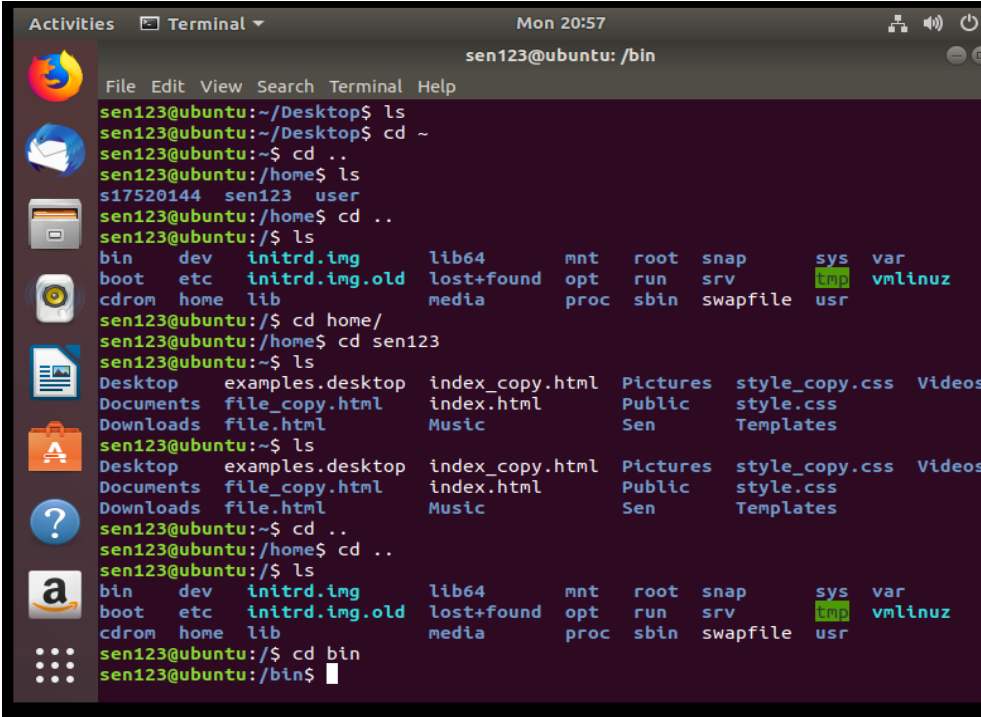
Bài Thực Hành

1) Về thư mục gốc



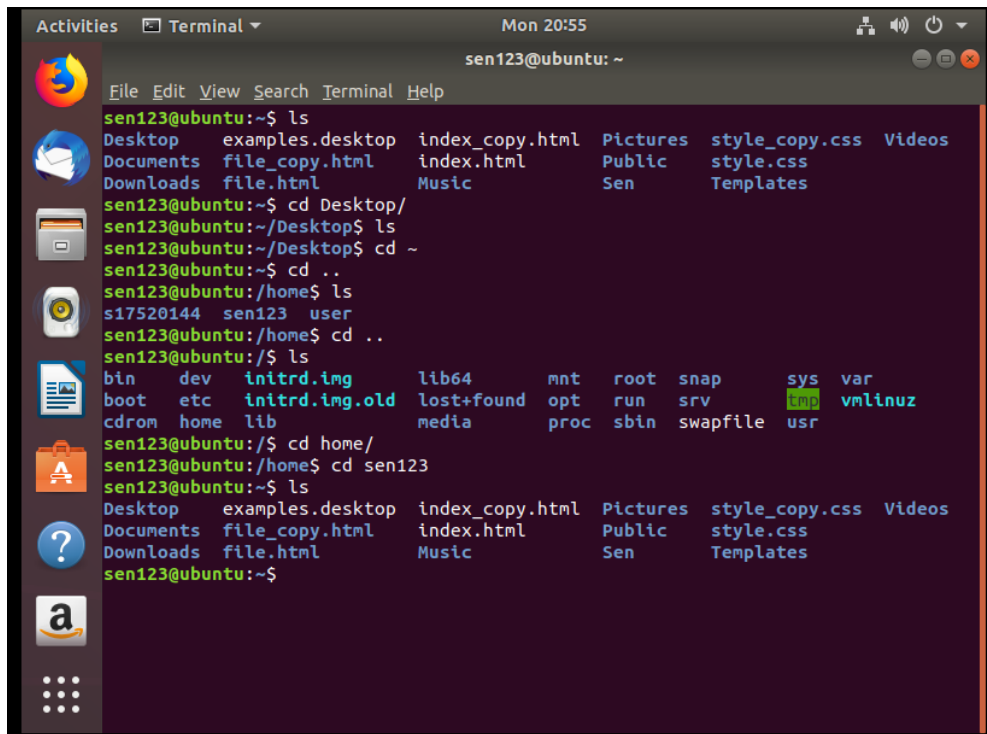
```
sen123@ubuntu: ~  
File Edit View Search Terminal Help  
sen123@ubuntu:~$ ls  
Desktop      examples.desktop  index_copy.html  Pictures  style_copy.css  Videos  
Documents    file_copy.html    index.html       Public   style.css          
Downloads    file.html         Music            Sen       Templates  
sen123@ubuntu:~$ cd Desktop/  
sen123@ubuntu:~/Desktop$ ls  
sen123@ubuntu:~/Desktop$ cd ~  
sen123@ubuntu:~$
```

Vào thư mục /bin



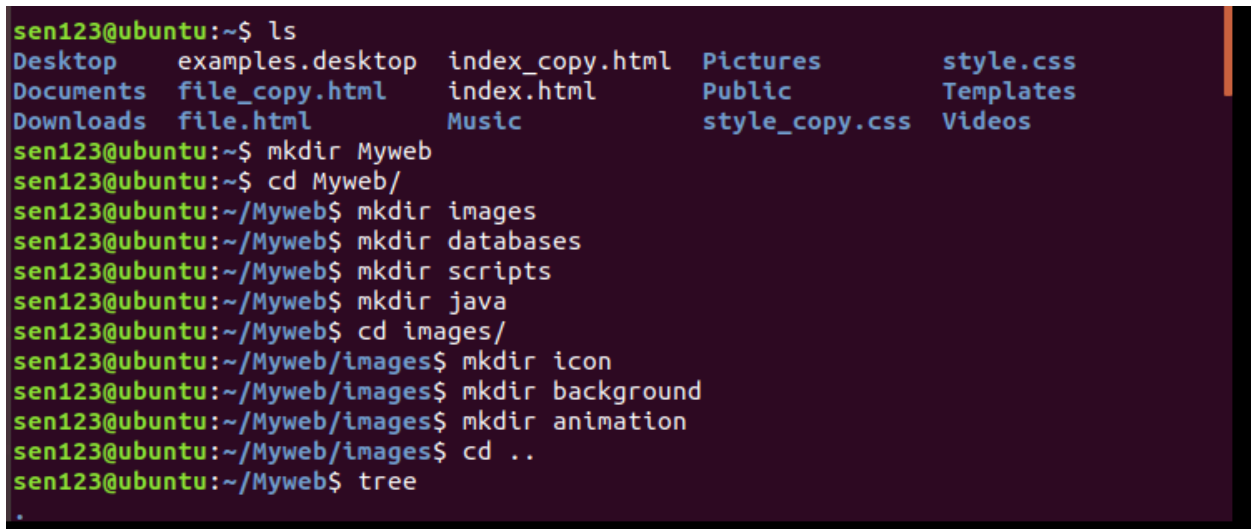
```
sen123@ubuntu: /bin  
File Edit View Search Terminal Help  
sen123@ubuntu:~/Desktop$ ls  
sen123@ubuntu:~/Desktop$ cd ~  
sen123@ubuntu:~$ cd ..  
sen123@ubuntu:/home$ ls  
s17520144  sen123  user  
sen123@ubuntu:/home$ cd ..  
sen123@ubuntu:/$ ls  
bin      dev      initrd.img  lib64      mnt      root      snap      sys      var  
boot     etc      initrd.img.old  lost+found  opt      run      srv      tmp      vmlinuz  
cdrom    home     lib         media       proc     sbin     swapfile  usr  
sen123@ubuntu:/$ cd home/  
sen123@ubuntu:/home$ cd sen123  
sen123@ubuntu:~$ ls  
Desktop      examples.desktop  index_copy.html  Pictures  style_copy.css  Videos  
Documents    file_copy.html    index.html       Public   style.css          
Downloads    file.html         Music            Sen       Templates  
sen123@ubuntu:~$ ls  
Desktop      examples.desktop  index_copy.html  Pictures  style_copy.css  Videos  
Documents    file_copy.html    index.html       Public   style.css          
Downloads    file.html         Music            Sen       Templates  
sen123@ubuntu:~$ cd ..  
sen123@ubuntu:/home$ cd ..  
sen123@ubuntu:/$ ls  
bin      dev      initrd.img  lib64      mnt      root      snap      sys      var  
boot     etc      initrd.img.old  lost+found  opt      run      srv      tmp      vmlinuz  
cdrom    home     lib         media       proc     sbin     swapfile  usr  
sen123@ubuntu:/$ cd bin  
sen123@ubuntu:/bin$
```

Vào thư mục người dùng sen123



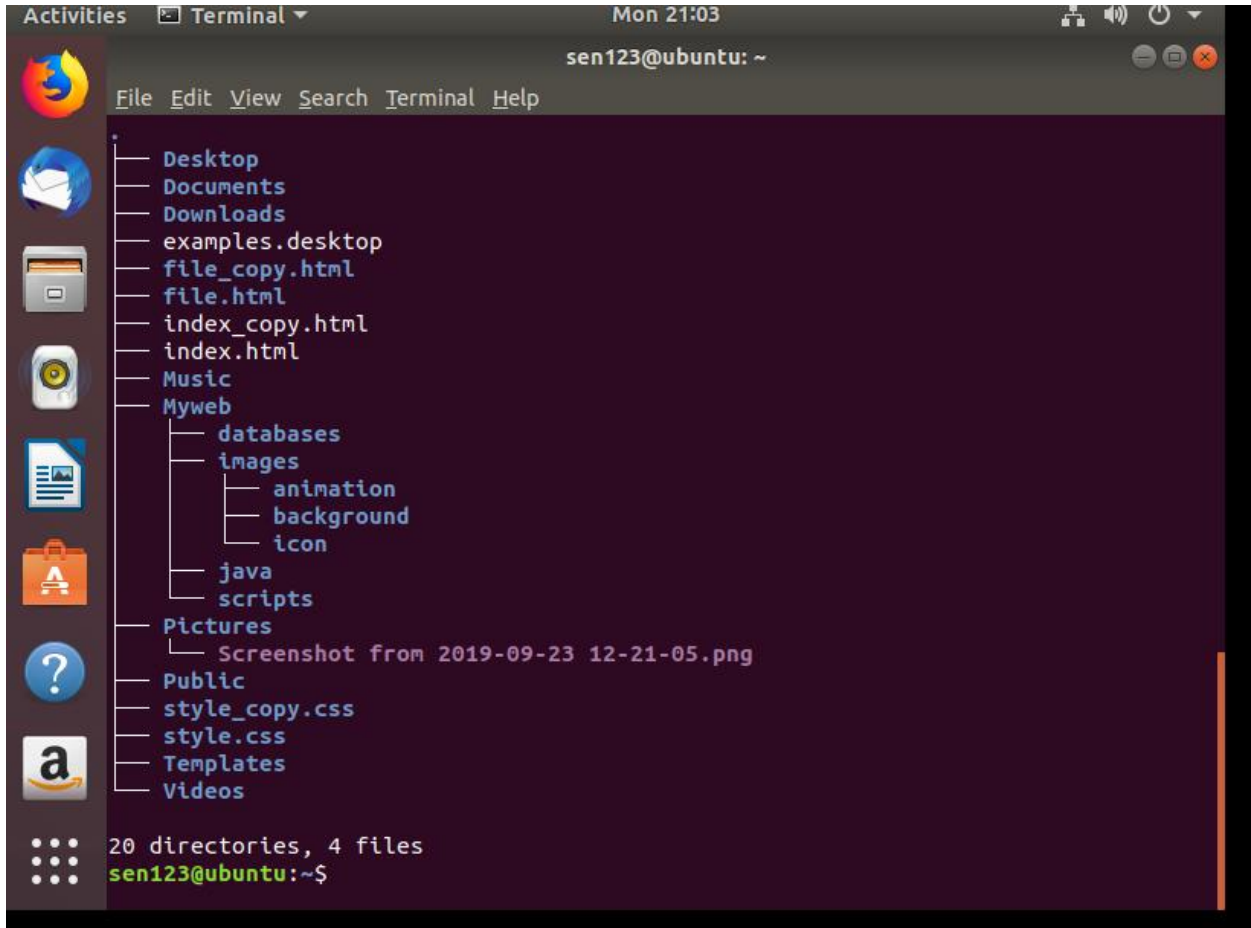
```
Activities Terminal Mon 20:55
sen123@ubuntu: ~
File Edit View Search Terminal Help
sen123@ubuntu:~$ ls
Desktop  examples.desktop  index_copy.html  Pictures  style_copy.css  Videos
Documents file_copy.html    index.html       Public    style.css
Downloads file.html          Music            Sen       Templates
sen123@ubuntu:~$ cd Desktop/
sen123@ubuntu:~/Desktop$ ls
sen123@ubuntu:~/Desktop$ cd ~
sen123@ubuntu:~$ cd ..
sen123@ubuntu:/home$ ls
s17520144 sen123 user
sen123@ubuntu:/home$ cd ..
sen123@ubuntu:/$ ls
bin  dev  initrd.img  lib64  mnt  root  snap  sys  var
boot etc  initrd.img.old  lost+found  opt  run  srv  tmp  vmlinuz
cdrom home lib          media  proc sbin  swapfile usr
sen123@ubuntu:/$ cd home/
sen123@ubuntu:/home$ cd sen123
sen123@ubuntu:~$ ls
Desktop  examples.desktop  index_copy.html  Pictures  style_copy.css  Videos
Documents file_copy.html    index.html       Public    style.css
Downloads file.html          Music            Sen       Templates
sen123@ubuntu:~$
```

2) Tạo thư mục



```
sen123@ubuntu:~$ ls
Desktop  examples.desktop  index_copy.html  Pictures  style.css
Documents file_copy.html    index.html       Public    Templates
Downloads file.html          Music            style_copy.css  Videos
sen123@ubuntu:~$ mkdir Myweb
sen123@ubuntu:~$ cd Myweb/
sen123@ubuntu:~/Myweb$ mkdir images
sen123@ubuntu:~/Myweb$ mkdir databases
sen123@ubuntu:~/Myweb$ mkdir scripts
sen123@ubuntu:~/Myweb$ mkdir java
sen123@ubuntu:~/Myweb$ cd images/
sen123@ubuntu:~/Myweb/images$ mkdir icon
sen123@ubuntu:~/Myweb/images$ mkdir background
sen123@ubuntu:~/Myweb/images$ mkdir animation
sen123@ubuntu:~/Myweb/images$ cd ..
sen123@ubuntu:~/Myweb$ tree
.
```

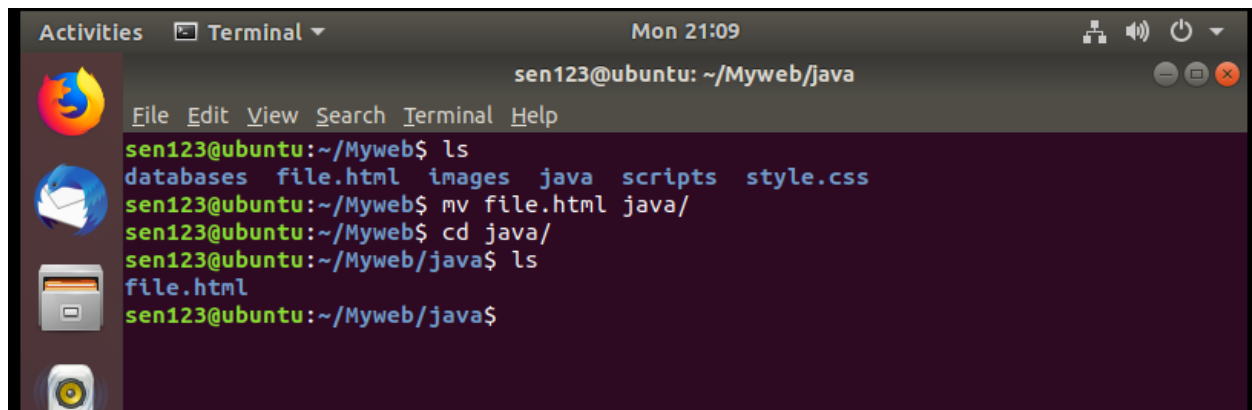
Hiển thị thu mục:



3) Copy file file.html và style.css vào thư mục Myweb

```
sen123@ubuntu:~$ ls  
Desktop      examples.desktop  index_copy.html  Myweb      style_copy.css  Videos  
Documents    file_copy.html    index.html       Pictures    style.css  
Downloads    file.html         Music            Public     Templates  
sen123@ubuntu:~$ cp file.html Myweb/  
cp: -r not specified; omitting directory 'file.html'  
sen123@ubuntu:~$ cp -r file.html Myweb/  
sen123@ubuntu:~$ Myweb/  
bash: Myweb/: Is a directory  
sen123@ubuntu:~$ cd Myweb/  
sen123@ubuntu:~/Myweb$ ls  
databases  file.html  images  java  scripts  
sen123@ubuntu:~/Myweb$ cp -r style.css Myweb/  
cp: cannot stat 'style.css': No such file or directory  
sen123@ubuntu:~/Myweb$ cd ..  
sen123@ubuntu:~$ cp -r style.css Myweb/  
sen123@ubuntu:~$ cd Myweb/  
sen123@ubuntu:~/Myweb$ ls  
databases  file.html  images  java  scripts  style.css  
sen123@ubuntu:~/Myweb$
```

4) Chuyển thư mục file.html vào Myweb/java

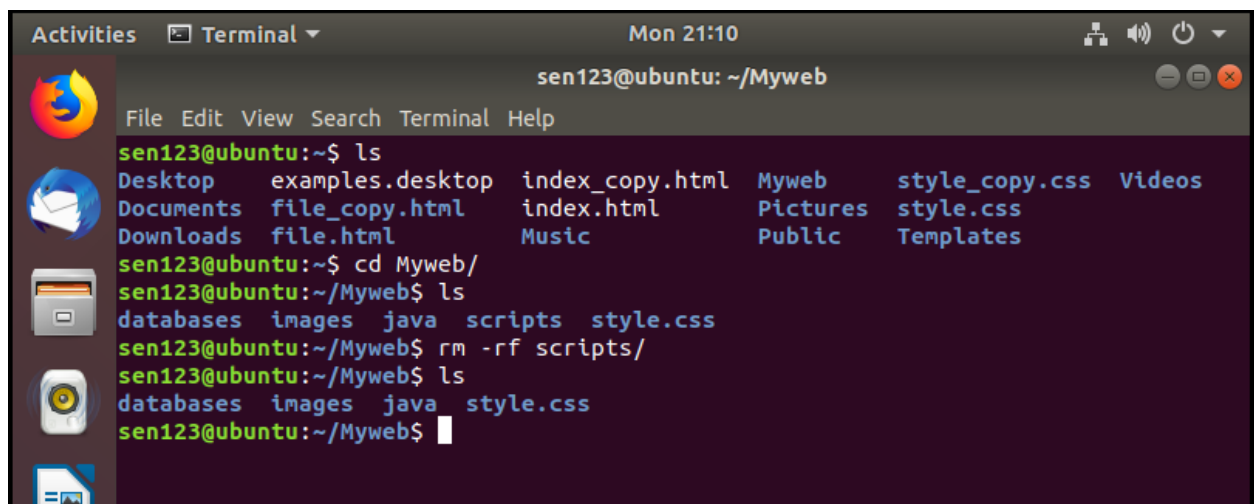


A terminal window titled "sen123@ubuntu: ~/Myweb/java" showing the following commands and output:

```
sen123@ubuntu:~/Myweb$ ls
databases file.html images java scripts style.css
sen123@ubuntu:~/Myweb$ mv file.html java/
sen123@ubuntu:~/Myweb$ cd java/
sen123@ubuntu:~/Myweb/java$ ls
file.html
sen123@ubuntu:~/Myweb/java$
```

5)

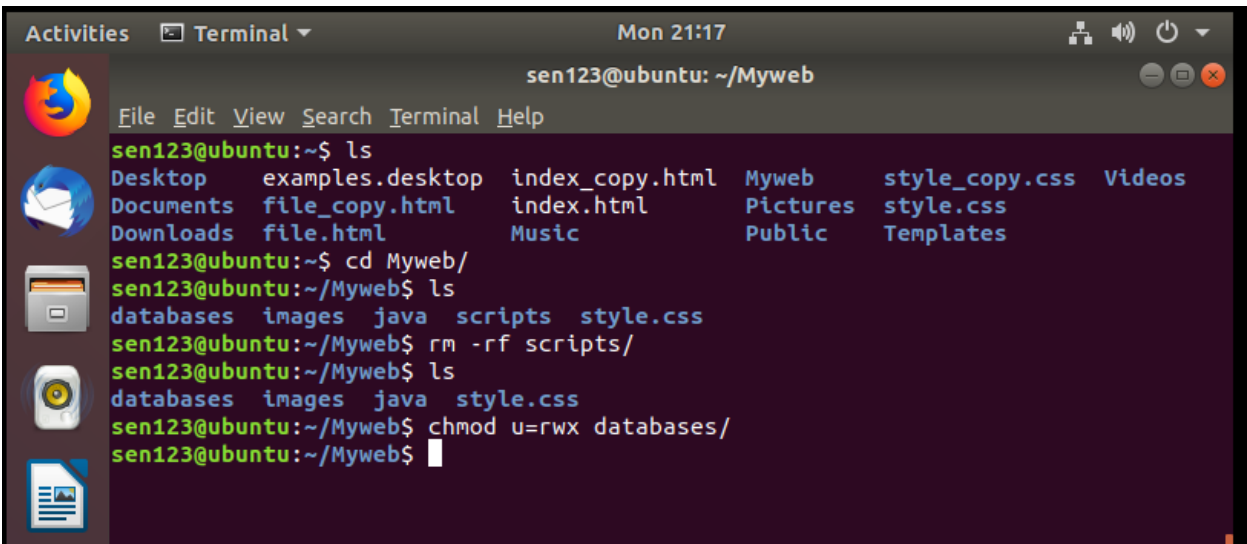
Xóa thư mục Myweb/scripts



A terminal window titled "sen123@ubuntu: ~/Myweb" showing the following commands and output:

```
sen123@ubuntu:~$ ls
Desktop  examples.desktop  index_copy.html  Myweb  style_copy.css  Videos
Documents file_copy.html    index.html       Pictures style.css
Downloads file.html         Music            Public  Templates
sen123@ubuntu:~$ cd Myweb/
sen123@ubuntu:~/Myweb$ ls
databases images java scripts style.css
sen123@ubuntu:~/Myweb$ rm -rf scripts/
sen123@ubuntu:~/Myweb$ ls
databases images java style.css
sen123@ubuntu:~/Myweb$
```

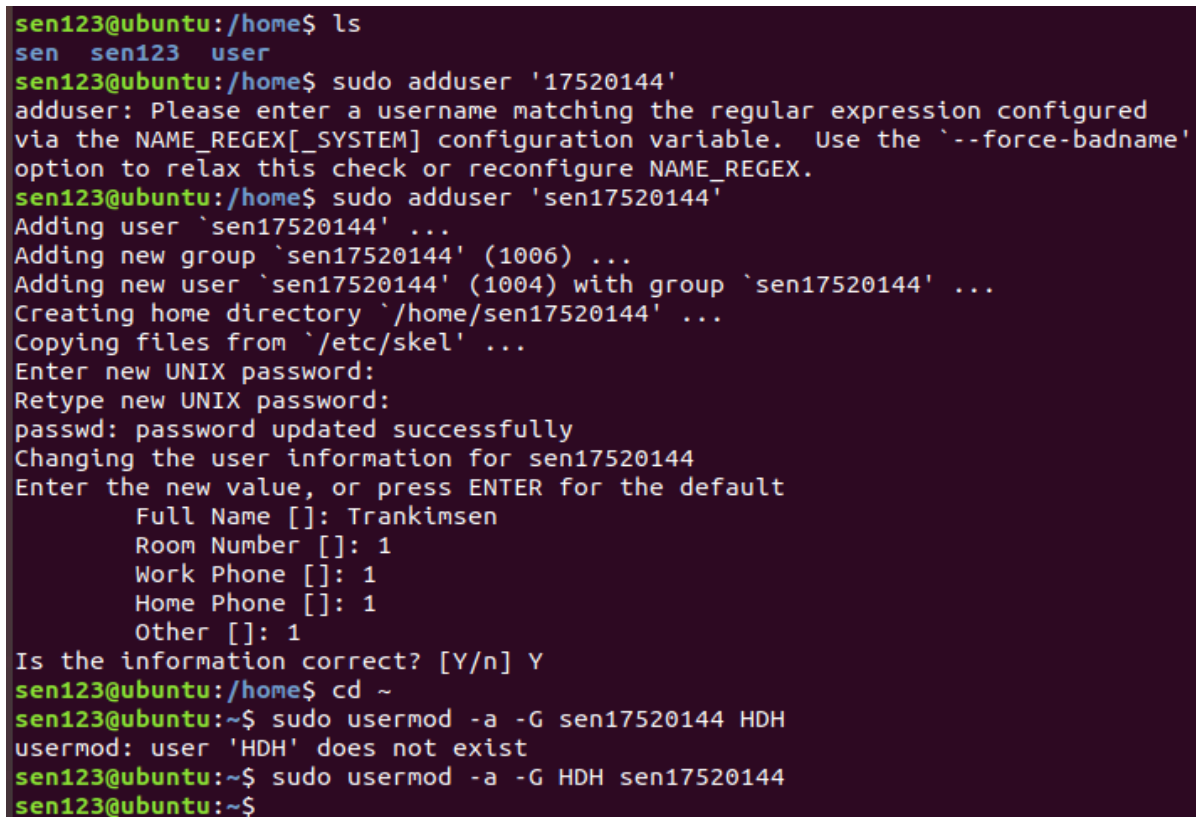
6) Thêm quyền Read, write , excute cho owner đối với file Myweb/database

A terminal window titled 'sen123@ubuntu: ~/Myweb' showing a series of commands and their outputs. The user lists files in the current directory, navigates to the 'Myweb' directory, lists files again, removes the 'scripts' directory, and then changes permissions of the 'databases' directory to 'u=rwx'.

```
sen123@ubuntu:~$ ls
Desktop  examples.desktop  index_copy.html  Myweb  style_copy.css  Videos
Documents file_copy.html    index.html       Pictures style.css
Downloads file.html         Music            Public  Templates

sen123@ubuntu:~$ cd Myweb/
sen123@ubuntu:~/Myweb$ ls
databases  images  java  scripts  style.css
sen123@ubuntu:~/Myweb$ rm -rf scripts/
sen123@ubuntu:~/Myweb$ ls
databases  images  java  style.css
sen123@ubuntu:~/Myweb$ chmod u=rwx databases/
sen123@ubuntu:~/Myweb$
```

7) User name có dạng regex là : “^[a..z][-a-z-0-9_]*\(\$” do đó sửa username ten+MSSV , Sau đó thêm vào group HDH.

A terminal window showing the process of adding a new user 'sen17520144' and assigning them to the 'HDH' group. The user is created with a home directory and password. Then, the usermod command is used to add the user to the 'HDH' group.

```
sen123@ubuntu:/home$ ls
sen  sen123  user
sen123@ubuntu:/home$ sudo adduser '17520144'
adduser: Please enter a username matching the regular expression configured
via the NAME_REGEX[_SYSTEM] configuration variable. Use the '--force-badname'
option to relax this check or reconfigure NAME_REGEX.
sen123@ubuntu:/home$ sudo adduser 'sen17520144'
Adding user `sen17520144' ...
Adding new group `sen17520144' (1006) ...
Adding new user `sen17520144' (1004) with group `sen17520144' ...
Creating home directory `/home/sen17520144' ...
Copying files from `/etc/skel' ...
Enter new UNIX password:
Retype new UNIX password:
passwd: password updated successfully
Changing the user information for sen17520144
Enter the new value, or press ENTER for the default
    Full Name []: Trankimsen
    Room Number []: 1
    Work Phone []: 1
    Home Phone []: 1
    Other []: 1
Is the information correct? [Y/n] Y
sen123@ubuntu:/home$ cd ~
sen123@ubuntu:~$ sudo usermod -a -G sen17520144 HDH
usermod: user 'HDH' does not exist
sen123@ubuntu:~$ sudo usermod -a -G HDH sen17520144
sen123@ubuntu:~$
```