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Class: IT007.Q15

OPERATING SYSTEM LAB 1'S REPORT

SUMMARY

	Task	Status	Page
Section 1.5	Ex 1	Done	1
	Ex 2	Done	2,3
	Ex 3	Done	3,4,5
	Ex 4	Done	6
	Ex 5	Done	7
	Ex 6	Done	8
	Ex 7	Done	9

Self-scores: 10

*Note: Export file to **PDF** and name the file by following format:
Student ID _LABx.pdf

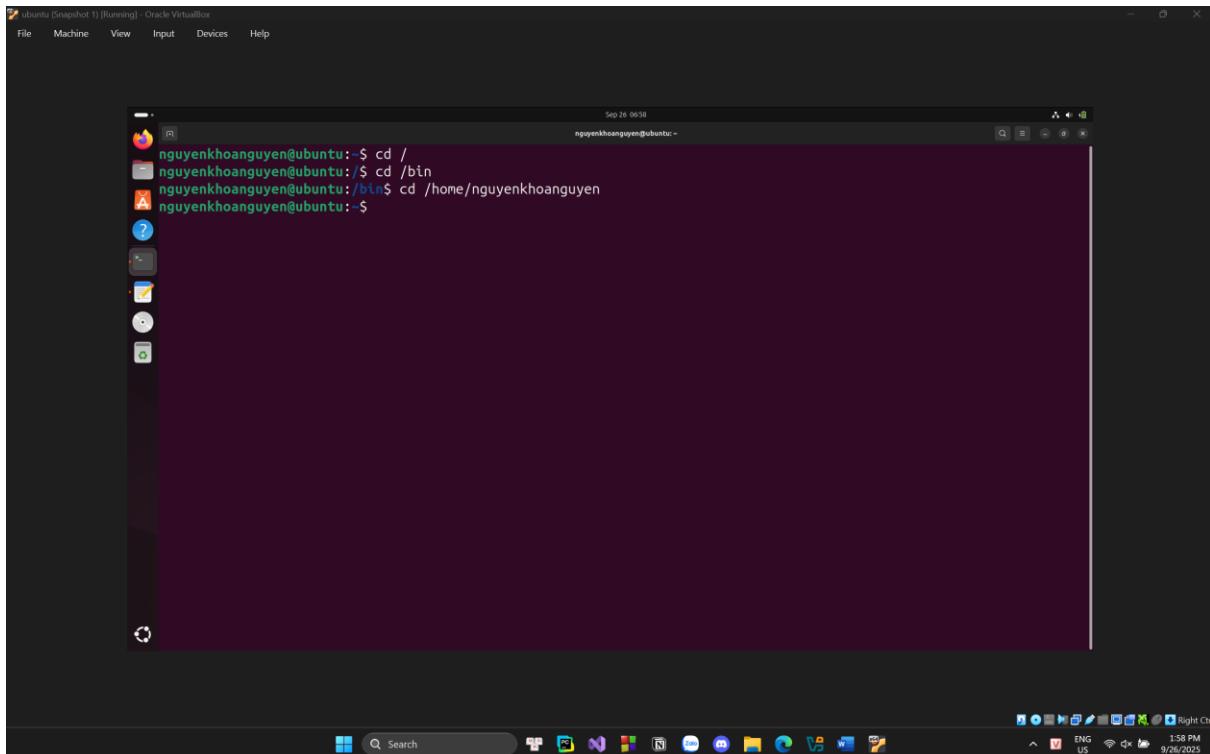
Section 1.5

1. Thực hiện lệnh chuyển thư mục theo thứ tự sau:

Chuyển đến thư mục theo thứ tự: thư mục gốc, thư mục /bin, thư mục người dùng

Ta dùng các câu lệnh:

- Chuyển về thư mục gốc: cd
- Chuyển đến thư mục /bin: cd /bin
- Chuyển đến thư mục người dùng: cd /home/nguyenkhoanguyen



The screenshot shows a terminal window titled "Ubuntu Snapshots 11 (Running) - Oracle VM VirtualBox". The terminal session starts at the root prompt (~) and performs three directory changes:

```
nguyenkhoanguyen@ubuntu:~$ cd /
nguyenkhoanguyen@ubuntu:/$ cd /bin
nguyenkhoanguyen@ubuntu:/bin$ cd /home/nguyenkhoanguyen
nguyenkhoanguyen@ubuntu:~$
```

The terminal window has a dark background with light-colored text. The desktop environment visible behind it includes icons for a file manager, terminal, and other applications.

Hình 1 Thực hiện chuyển thư mục

2. Tạo cây thư mục Myweb trong thư mục cá nhân

Myweb

```

|-images
|   |-- icon
|   |-- background
|   |-- animation
|-databases
|-scripts
|-java
```

```

ubuntu (Snapshot 1) [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help
Sep 26 07:25
nguyenkhoanguyen@ubuntu: ~
nguyenkhoanguyen@ubuntu: $ cd
nguyenkhoanguyen@ubuntu: $ cd /bin
nguyenkhoanguyen@ubuntu: /bin $ cd /home/nguyenkhoanguyen
nguyenkhoanguyen@ubuntu: $ mkdir Myweb
nguyenkhoanguyen@ubuntu: $ mkdir Myweb/images
nguyenkhoanguyen@ubuntu: $ mkdir Myweb/images/icon
nguyenkhoanguyen@ubuntu: $ mkdir Myweb/images/background
nguyenkhoanguyen@ubuntu: $ mkdir Myweb/images/animation
nguyenkhoanguyen@ubuntu: $ mkdir Myweb/databases
nguyenkhoanguyen@ubuntu: $ mkdir Myweb/scripts
nguyenkhoanguyen@ubuntu: $ mkdir Myweb/java
nguyenkhoanguyen@ubuntu: $ tree Myweb
Myweb
├── databases
│   └── images
│       ├── animation
│       ├── background
│       └── icon
└── java
    └── scripts

8 directories, 0 files
nguyenkhoanguyen@ubuntu: $ 

```

Hình 2 Tạo thư mục Myweb

Câu lệnh	Ý nghĩa
mkdir Myweb	Tạo thư mục Myweb
mkdir Myweb/images	Tạo thư mục images trong thư mục Myweb
mkdir Myweb/images/icon	Tạo thư mục icon trong thư mục images
mkdir Myweb/images/background	Tạo thư mục background trong thư mục images
mkdir Myweb/images/animation	Tạo thư mục animation trong thư mục images
mkdir Myweb/scripts	Tạo thư mục scripts trong thư mục Myweb
mkdir Myweb/java	Tạo thư mục java trong thư mục Myweb
tree Myweb	In ra thư mục cây thư mục đã tạo

3. Tìm hiểu, sử dụng lệnh để tìm một số file có phần mở rộng là .html và .class trong hệ thống file. Dùng lệnh cp để sao chép một vài file .html vào thư mục Myweb

Tìm một số file có phần mở rộng là .html thì ta sử dụng câu lệnh: find / -name “*.html” và để tránh các file không có permission (Permission denied) thì ta sử dụng thêm đuôi 2>/dev/null

```

ubuntu [Snapshot 1] (Running) - Oracle VirtualBox
File Machine View Input Devices Help
Sep 26 07:47
nguyenkhoanguyen@ubuntu: ~
nguyenkhoanguyen@ubuntu: ~ find / -name "*html" 2>/dev/null
/usr/share/doc/cups/doc-root/index.html
/usr/share/cups/doc-root/de/index.html
/usr/share/cups/doc-root/pt_BR/index.html
/usr/share/cups/doc-root/help/admin.html
/usr/share/cups/doc-root/help/admin/filter/filter.conf.html
/usr/share/cups/doc-root/help/man-ippfind.html
/usr/share/cups/doc-root/help/man-ippveopl.html
/usr/share/cups/doc-root/help/man-notifier.html
/usr/share/cups/doc-root/help/man-prn.html
/usr/share/cups/doc-root/help/police.html
/usr/share/cups/doc-root/help/cgi.html
/usr/share/cups/doc-root/help/man-filter.html
/usr/share/cups/doc-root/help/licenses.html
/usr/share/cups/doc-root/help/man-cupsd.conf.html
/usr/share/cups/doc-root/help/man-pdftml.html
/usr/share/cups/doc-root/help/man-ippable.html
/usr/share/cups/doc-root/help/filterwalls.html
/usr/share/cups/doc-root/help/man-cupstoppd.html
/usr/share/cups/doc-root/help/man-printers.conf.html
/usr/share/cups/doc-root/help/man-opt.html
/usr/share/cups/doc-root/help/filter/filter.html
/usr/share/cups/doc-root/help/api-admin.html
/usr/share/cups/doc-root/help/man-ip.html
/usr/share/cups/doc-root/help/man-ipp.html
/usr/share/cups/doc-root/help/encryption.html
/usr/share/cups/doc-root/help/man-mime.convs.html
/usr/share/cups/doc-root/help/man-ppmerge.html
/usr/share/cups/doc-root/help/man-ipp.html
/usr/share/cups/doc-root/help/cupsone.html
/usr/share/cups/doc-root/help/man-backend.html
/usr/share/cups/doc-root/help/man-cupsd.html
/usr/share/cups/doc-root/help/man-ippclient.html
/usr/share/cups/doc-root/help/man-ippclient-f.html
/usr/share/cups/doc-root/help/sharing.html
/usr/share/cups/doc-root/help/spec-banner.html
/usr/share/cups/doc-root/help/man-ipc.html
/usr/share/cups/doc-root/help/man-ipp.html
/usr/share/cups/doc-root/help/man-ipp.html
/usr/share/cups/doc-root/help/man-ipp.html
/usr/share/cups/doc-root/help/postscript-driver.html
/usr/share/cups/doc-root/help/man-cups-snmp.html
/usr/share/cups/doc-root/help/man-cups-lod.html
/usr/share/cups/doc-root/help/man-pdf.html
/usr/share/cups/doc-root/help/man-nmconnection.html

```

The terminal window shows the output of the command 'find / -name "*html" 2>/dev/null'. It lists numerous HTML files located in various system directories, such as /usr/share/doc/cups/doc-root/, /usr/share/cups/, and /usr/share/cups/doc-root/help/. The files include index.html, filter.conf.html, filterwalls.html, and various configuration and documentation pages for CUPS (Common Unix Printing System).

Hình 3 Tìm các file có đuôi .html

```

ubuntu [Snapshot 1] (Running) - Oracle VirtualBox
File Machine View Input Devices Help
Sep 26 07:48
nguyenkhoanguyen@ubuntu: ~
nguyenkhoanguyen@ubuntu: ~ find / -name "*.class" 2>/dev/null
/usr/share/doc/shared-mime-info/shared-mime-info-spec.html/x34.html
/usr/share/doc/shared-mime-info/shared-mime-info-spec.html/x98.html
/usr/share/doc/shared-mime-info/shared-mime-info-spec.html/index.html
/usr/share/doc/admin-samples/address.local.c
/usr/share/doc/admin-samples/skel.other/index.html
/usr/share/doc/trace-cmd/trace-cmd/trace-cmd-hist.i.html
/usr/share/doc/trace-cmd/trace-cmd/trace-cmd-list.i.html
/usr/share/doc/trace-cmd/trace-cmd/trace-cmd-open.html
/usr/share/doc/trace-cmd/trace-cmd/trace-cmd-attach.i.html
/usr/share/doc/trace-cmd/trace-cmd/trace-cmd-check-events.i.html
/usr/share/doc/trace-cmd/trace-cmd/trace-cmd-show.i.html
/usr/share/doc/trace-cmd/trace-cmd/trace-cmd-stat.i.html
/usr/share/doc/trace-cmd/trace-cmd/trace-cmd-stack.i.html
/usr/share/doc/trace-cmd/trace-cmd/trace-cmd-profile.i.html
/usr/share/doc/trace-cmd/trace-cmd/trace-cmd-stop.i.html
/usr/share/doc/trace-cmd/trace-cmd/trace-cmd-report.i.html
/usr/share/doc/trace-cmd/trace-cmd/trace-cmd-start.i.html
/usr/share/doc/trace-cmd/trace-cmd/trace-cmd-listen.i.html
/usr/share/doc/trace-cmd/trace-cmd/trace-cmd-aggregate.i.html
/usr/share/doc/trace-cmd/trace-cmd/trace-cmd-v6.s.html
/usr/share/doc/trace-cmd/trace-cmd/trace-cmd-stream.i.html
/usr/share/doc/trace-cmd/trace-cmd/trace-cmd-i.html
/usr/share/doc/trace-cmd/trace-cmd/trace-cmd-record.i.html
/usr/share/doc/trace-cmd/trace-cmd/trace-cmd-convert.i.html
/usr/share/doc/trace-cmd/trace-cmd/trace-cmd-split.i.html
/usr/share/doc/trace-cmd/trace-cmd/trace-cmd-extract.i.html
/usr/share/doc/trace-cmd/trace-cmd/trace-cmd-set.i.html
/usr/share/doc/trace-cmd/trace-cmd/trace-cmd-mem.i.html
/usr/share/doc/trace-cmd/trace-cmd/trace-cmd-dat.v7.5.html
/usr/share/doc/trace-cmd/trace-cmd/trace-cmd-clear.i.html
/usr/share/doc/trace-cmd/trace-cmd/trace-cmd-set.i.html
/usr/share/doc/gdisk/gdisk.html
/usr/share/doc/gdisk/fixparts.html
/usr/share/doc/gdisk/cgdisk.html
/usr/share/doc/gdisk/fixlabel.html
/usr/share/doc/gdisk/spdisk.html
/snap/gnome-42-2284/292/usr/share/gettext/projects/GNOME/teams.html
/snap/gnome-42-2284/292/usr/share/gettext/projects/KDE/teams.html
/snap/gnome-42-2284/292/usr/share/gettext/projects/Qt/teams.html
/snap/gnome-42-2284/292/usr/share/gettext/projects/Qt/files/teams.2>
basic syntax error near unexpected token `newline'
nguyenkhoanguyen@ubuntu: ~ find / -name "*.class" 2>/dev/null
/usr/bin/java/jar/prefs.class
/usr/bin/java/jar/execute/crash.class
/snap/gnome-42-2284/292/usr/share/gettext/javaversion.class
nguyenkhoanguyen@ubuntu: ~

```

The terminal window shows the output of the command 'find / -name "*.class" 2>/dev/null'. It lists several Java class files located in various system directories, such as /usr/share/gettext/projects/ and /usr/bin/java/jar/. The files include prefs.class, execute/crash.class, and javaversion.class.

Hình 4 Tìm các file có đuôi .class

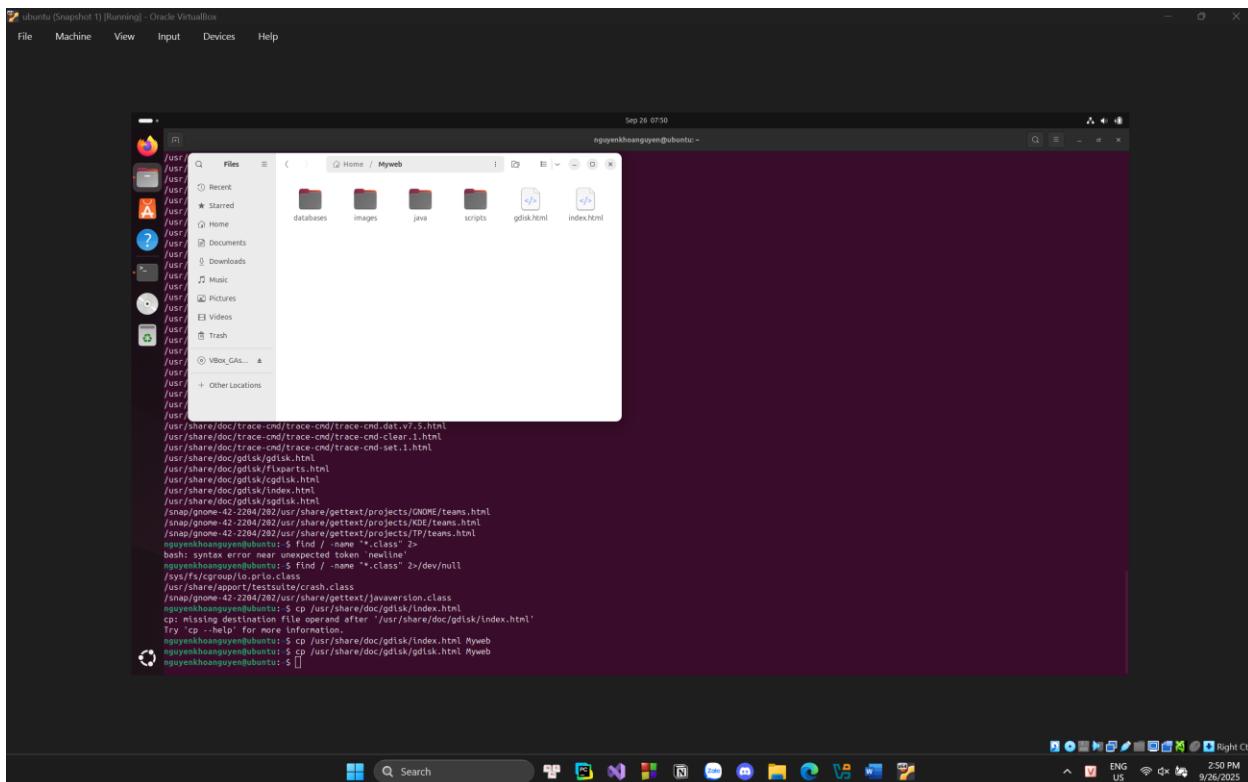
```

ubuntu [Snapshot 1] (Running) - Oracle VirtualBox
File Machine View Input Devices Help
Sep 26 07:50
nguyenkhoanguyen@ubuntu: ~

[n]
[...]
/usr/share/doc/trace-cmd/trace-cmd/clicks.i.html
/usr/share/doc/trace-cmd/trace-cmd/clicks-list.i.html
/usr/share/doc/trace-cmd/trace-cmd/trace-cmd-attach.i.html
/usr/share/doc/trace-cmd/trace-cmd/trace-cmd-check-events.i.html
[A]
/usr/share/doc/trace-cmd/trace-cmd/trace-cmd-show.i.html
/usr/share/doc/trace-cmd/trace-cmd/trace-cmd-start.i.html
/usr/share/doc/trace-cmd/trace-cmd/trace-cmd-dump.i.html
/usr/share/doc/trace-cmd/trace-cmd/trace-cmd-stack.i.html
/usr/share/doc/trace-cmd/trace-cmd/trace-cmd-profile.i.html
/usr/share/doc/trace-cmd/trace-cmd/trace-cmd-set.i.html
/usr/share/doc/trace-cmd/trace-cmd/trace-cmd-extract.i.html
[...]
/usr/share/doc/trace-cmd/trace-cmd/trace-cmd-report.i.html
/usr/share/doc/trace-cmd/trace-cmd/trace-cmd-start.i.html
/usr/share/doc/trace-cmd/trace-cmd/trace-cmd-list.i.html
[...]
/usr/share/doc/trace-cmd/trace-cmd/trace-cmd-data.v6.5.html
[...]
/usr/share/doc/trace-cmd/trace-cmd/trace-cmd-stream.i.html
/usr/share/doc/trace-cmd/trace-cmd/trace-cmd-i.html
/usr/share/doc/trace-cmd/trace-cmd/trace-cmd-screenshot.i.html
/usr/share/doc/trace-cmd/trace-cmd/trace-cmd-record.i.html
/usr/share/doc/trace-cmd/trace-cmd/trace-cmd-convert.i.html
/usr/share/doc/trace-cmd/trace-cmd/trace-cmd-extract.i.html
/usr/share/doc/trace-cmd/trace-cmd/trace-cmd-reset.i.html
/usr/share/doc/trace-cmd/trace-cmd/trace-cmd-men.i.html
/usr/share/doc/trace-cmd/trace-cmd/trace-cmd-det.v7.5.html
/usr/share/doc/trace-cmd/trace-cmd/trace-cmd-clear.i.html
/usr/share/doc/trace-cmd/trace-cmd/trace-cmd-set.i.html
/usr/share/doc/gdisk/gdisk.html
/usr/share/doc/gdisk/fixparts.html
/usr/share/doc/gdisk/index.html
/usr/share/doc/gdisk/gdisk.html
/usr/share/doc/gdisk/gdisk.html
/snap/gnome-42-2284/282/usr/share/gettext/projects/GNOME/teams.html
/snap/gnome-42-2284/282/usr/share/gettext/projects/KDE/teams.html
/snap/gnome-42-2284/282/usr/share/gettext/projects/QT/teams.html
nguyenkhoanguyen@ubuntu: $ find / -name *.class"
bash: syntax error near unexpected token `newline'
nguyenkhoanguyen@ubuntu: $ find / -name *.class" 2>/dev/null
/sys/fs/group/lo.prio.class
/snap/gnome-42-2284/282/usr/share/gettext/javaversion.class
nguyenkhoanguyen@ubuntu: $ cp /usr/share/doc/gdisk/index.html Myweb
nguyenkhoanguyen@ubuntu: $ cp /usr/share/doc/gdisk/gdisk.html Myweb
nguyenkhoanguyen@ubuntu: $ 

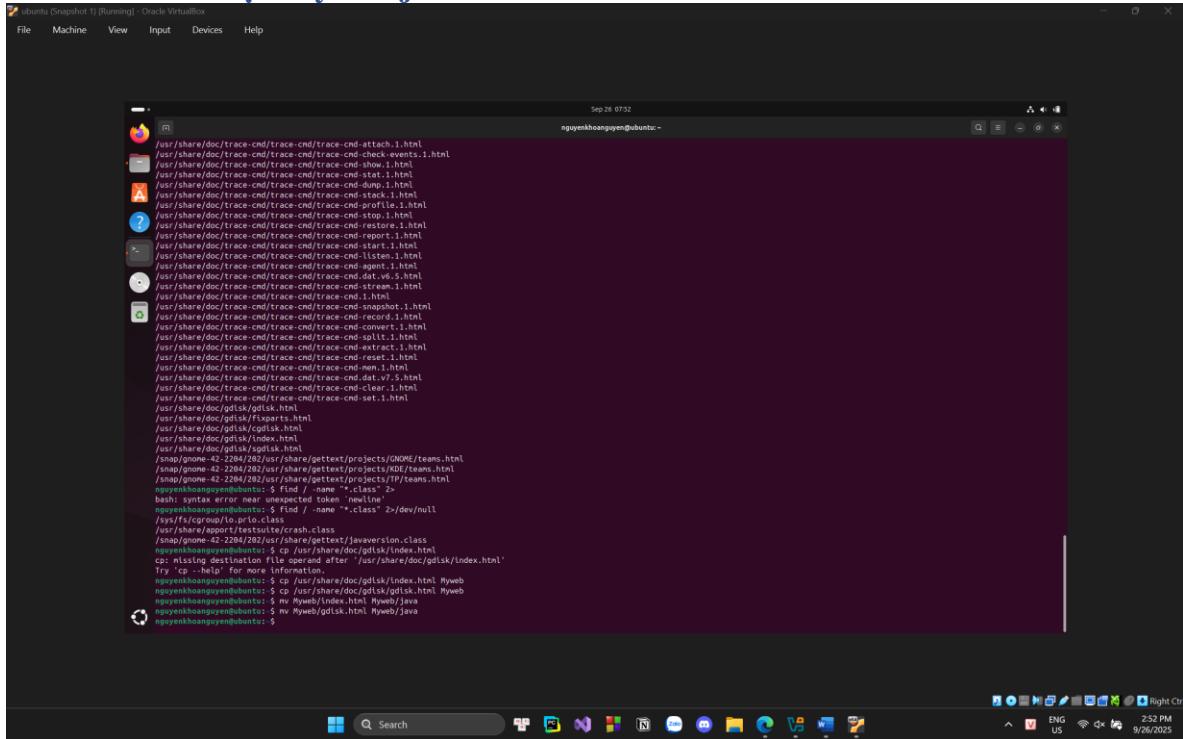
```

Hình 5 Copy một số file .html vào thư mục Myweb



Hình 6 Thư mục hiện tại đã có thêm 2 file .html

4. Thực hiện lệnh mv để di chuyển vài file .html trong thư mục Myweb vào thư mục Myweb/java



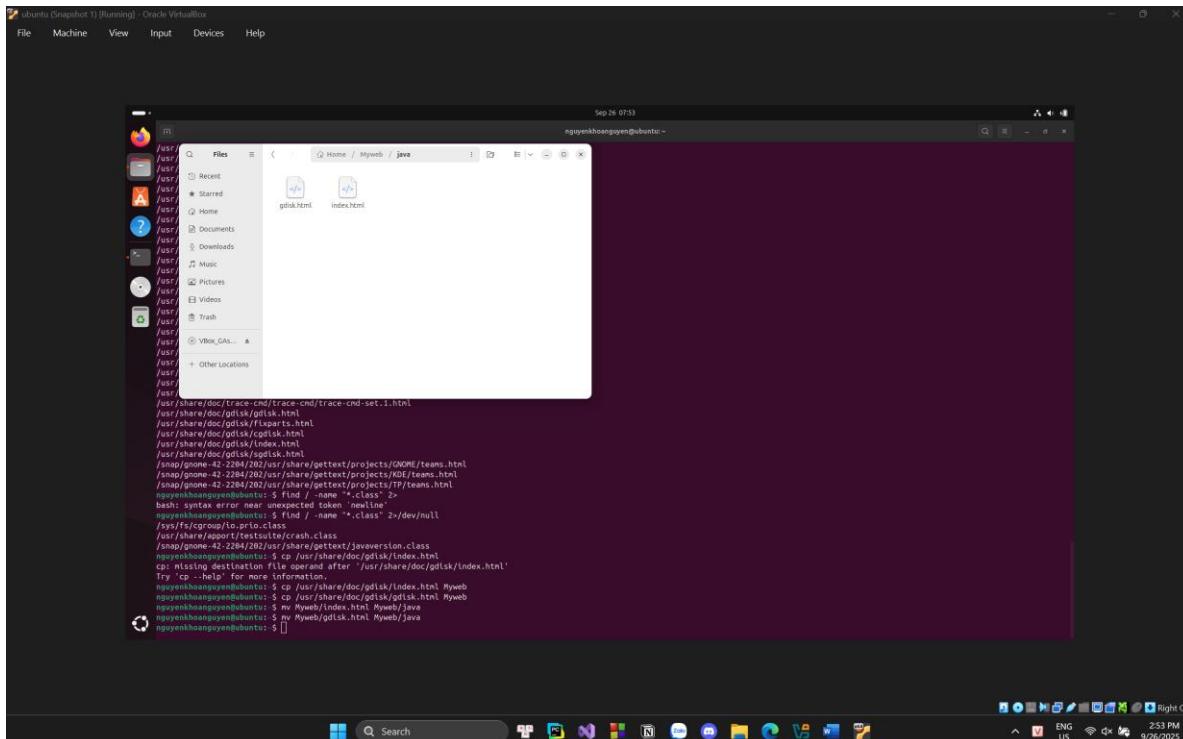
```

ubuntu (Snapshot 1) [Running] Oracle VirtualBox
File Machine View Input Devices Help

Sep 26 07:52
nguyenhoanguyen@ubuntu: ~

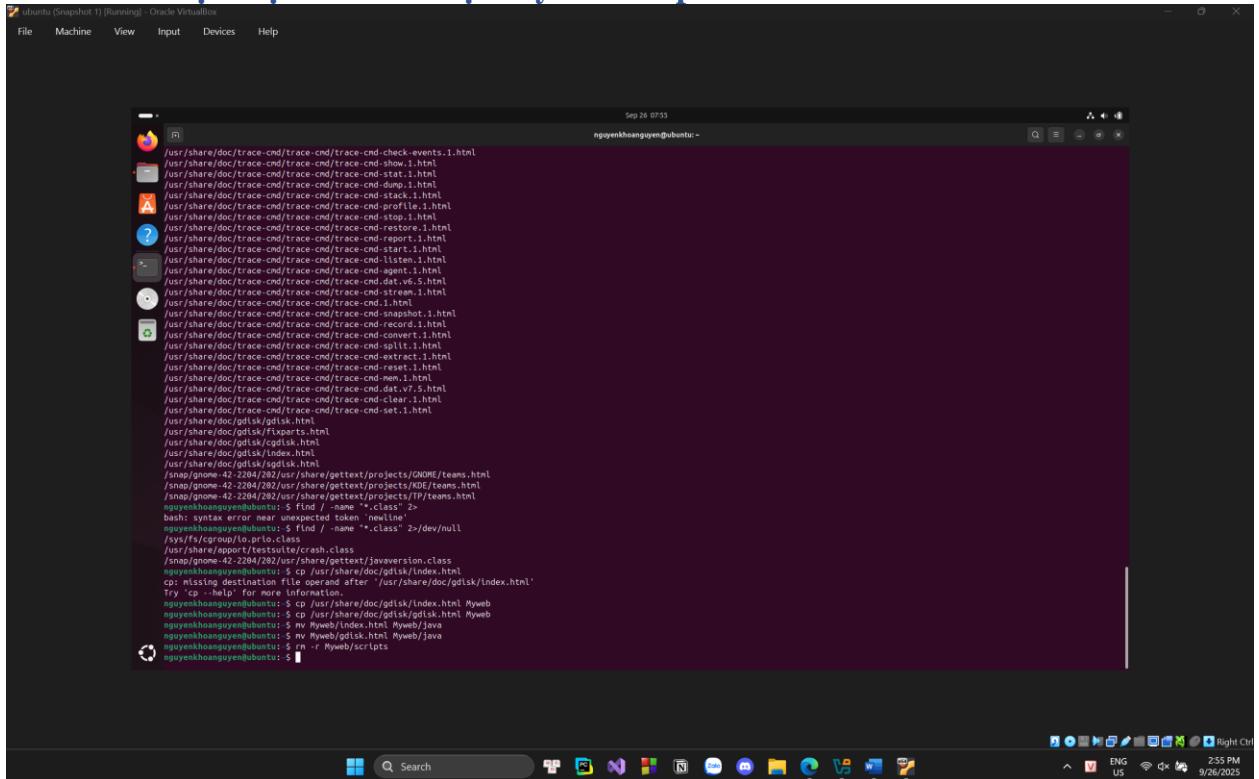
/usr/share/doc/trace-cmd/trace-cmd/trace-cmd-attach.1.html
/usr/share/doc/trace-cmd/trace-cmd/trace-cmd-check-events.1.html
/usr/share/doc/trace-cmd/trace-cmd/trace-cmd-show.1.html
/usr/share/doc/trace-cmd/trace-cmd/trace-cmd-start.1.html
/usr/share/doc/trace-cmd/trace-cmd/trace-cmd-stop.1.html
/usr/share/doc/trace-cmd/trace-cmd/trace-cmd-stack.1.html
/usr/share/doc/trace-cmd/trace-cmd/trace-cmd-profile.1.html
/usr/share/doc/trace-cmd/trace-cmd/trace-cmd-profile.1.html
/usr/share/doc/trace-cmd/trace-cmd/trace-cmd-restore.1.html
/usr/share/doc/trace-cmd/trace-cmd/trace-cmd-report.1.html
/usr/share/doc/trace-cmd/trace-cmd/trace-cmd-start.1.html
/usr/share/doc/trace-cmd/trace-cmd/trace-cmd-agent.1.html
/usr/share/doc/trace-cmd/trace-cmd/trace-cmd.dat.v6.5.html
/usr/share/doc/trace-cmd/trace-cmd/trace-cmd-set.1.html
/usr/share/doc/trace-cmd/trace-cmd/trace-cmd.1.html
/usr/share/doc/trace-cmd/trace-cmd/trace-cmd-snapshot.1.html
/usr/share/doc/trace-cmd/trace-cmd/trace-cmd-record.1.html
/usr/share/doc/trace-cmd/trace-cmd/trace-cmd-split.1.html
/usr/share/doc/trace-cmd/trace-cmd/trace-cmd-extract.1.html
/usr/share/doc/trace-cmd/trace-cmd/trace-cmd-nano.1.html
/usr/share/doc/trace-cmd/trace-cmd/trace-cmd.dat.v7.5.html
/usr/share/doc/trace-cmd/trace-cmd/trace-cmd-clear.1.html
/usr/share/doc/trace-cmd/trace-cmd/trace-cmd-set.1.html
/usr/share/doc/gptsk/gptsk.html
/usr/share/doc/gptsk/fixparts.html
/usr/share/doc/gptsk/gptsk.html
/usr/share/doc/gptsk/gptsk.html
/usr/share/doc/gptsk/gptsk.html
/snap/gnome-42-2284/202/usr/share/gettext/projects/GNOME/teams.html
/snap/gnome-42-2284/202/usr/share/gettext/projects/KDE/teams.html
nguyenhoanguyen@ubuntu: $ find / -name *.class
bash: syntax error near unexpected token `newline'
Try `cp --help' for more information.
nguyenhoanguyen@ubuntu: $ cp /usr/share/doc/gptsk/index.html Myweb
nguyenhoanguyen@ubuntu: $ mv Myweb/index.html Myweb/java
nguyenhoanguyen@ubuntu: $ mv Myweb/gptsk.html Myweb/java
nguyenhoanguyen@ubuntu: $ 
```

Hình 7 Chuyển file có đuôi .html vào thư mục java



Hình 8 Thư mục java sau khi thêm 2 file .html

5. Thực hiện xóa thư mục Myweb/scripts



```

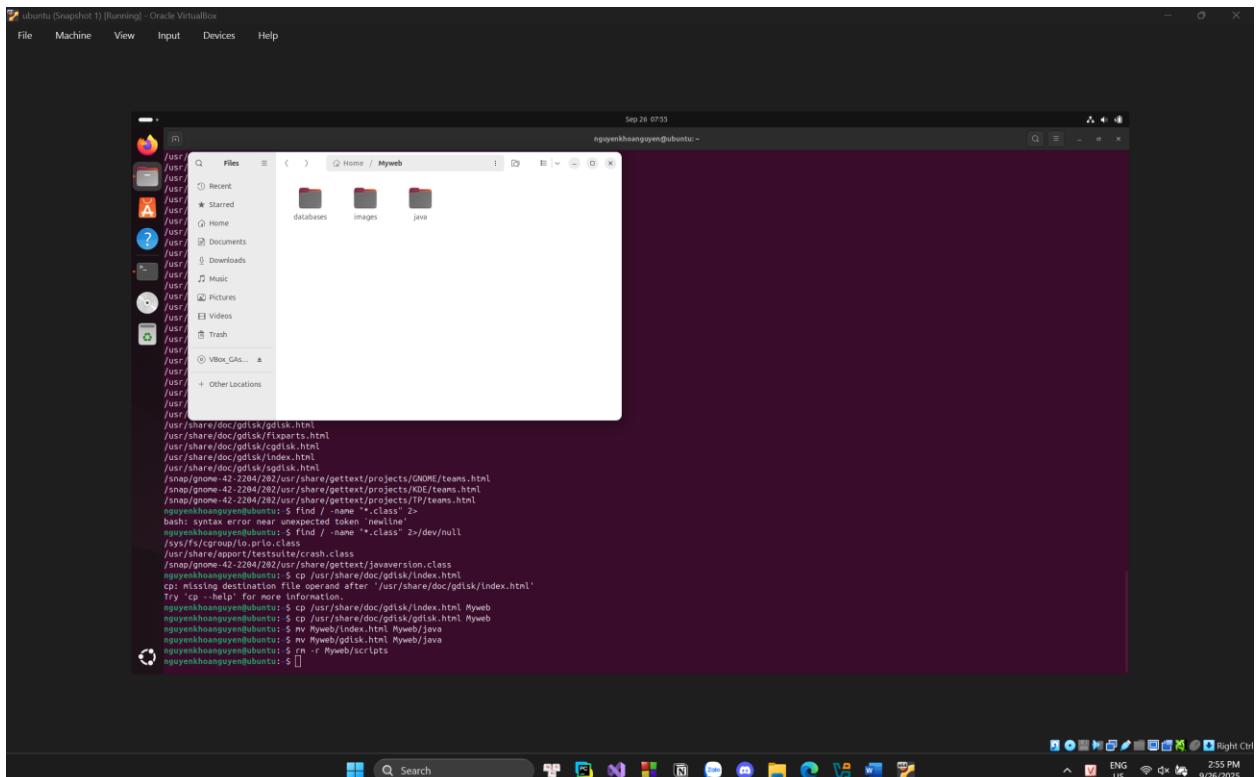
ubuntu (Snapshot 1) [Running] - Oracle VirtualBox
File Machine View Input Devices Help

Sep 26 07:55
nguyenkhoanguyen@ubuntu: ~

/usr/share/doc/trace-cmd/trace-cmd-check-events.1.html
/usr/share/doc/trace-cmd/trace-cmd-show.1.html
/usr/share/doc/trace-cmd/trace-cmd-stat.1.html
/usr/share/doc/trace-cmd/trace-cmd-dump.1.html
/usr/share/doc/trace-cmd/trace-cmd-profile.1.html
/usr/share/doc/trace-cmd/trace-cmd-stop.1.html
/usr/share/doc/trace-cmd/trace-cmd-restore.1.html
/usr/share/doc/trace-cmd/trace-cmd-report.1.html
/usr/share/doc/trace-cmd/trace-cmd-listen.1.html
/usr/share/doc/trace-cmd/trace-cmd-agent.1.html
/usr/share/doc/trace-cmd/trace-cmd-dev.v6.5.html
/usr/share/doc/trace-cmd/trace-cmd-set.1.html
/usr/share/doc/trace-cmd/trace-cmd-clear.1.html
/usr/share/doc/trace-cmd/trace-cmd-snapshot.1.html
/usr/share/doc/trace-cmd/trace-cmd-record.1.html
/usr/share/doc/trace-cmd/trace-cmd-split.1.html
/usr/share/doc/trace-cmd/trace-cmd-extract.1.html
/usr/share/doc/trace-cmd/trace-cmd-reset.1.html
/usr/share/doc/trace-cmd/trace-cmd-dat.v7.5.html
/usr/share/doc/trace-cmd/trace-cmd-clear.1.html
/usr/share/doc/trace-cmd/trace-cmd-set.1.html
/usr/share/doc/gdisk/filters.html
/usr/share/doc/gdisk/gdisk.html
/usr/share/doc/gdisk/index.html
/usr/share/doc/gdisk/fixpart.html
/snap/gnome-42-2284/2892/usr/share/gettext/projects/GNOME/teams.html
/snap/gnome-42-2284/2892/usr/share/gettext/projects/KDE/teams.html
/snap/gnome-42-2284/2892/usr/share/gettext/projects/QT/teams.html
nguyenkhoanguyen@ubuntu: ~$ find ./ -name *.class"
./Myweb/gdisk.java
./Myweb/gdisk.class
nguyenkhoanguyen@ubuntu: ~$ find ./ -name *.class" >/dev/null
./sys/fs/group/lo.prio.class
./sys/share/report/testsite/crash.class
./snap/gnome-42-2284/2892/usr/share/gettext/javaversion.class
nguyenkhoanguyen@ubuntu: ~$ cp /usr/share/doc/gdisk/index.html
cp: missing destination file operand after '/usr/share/doc/gdisk/index.html'
Try 'cp --help' for more information.
nguyenkhoanguyen@ubuntu: ~$ cp /usr/share/doc/gdisk/index.html Myweb
nguyenkhoanguyen@ubuntu: ~$ mv Myweb/index.html Myweb/java
nguyenkhoanguyen@ubuntu: ~$ mv Myweb/gdisk.html Myweb/java
nguyenkhoanguyen@ubuntu: ~$ rm -r Myweb/scripts
nguyenkhoanguyen@ubuntu: ~$ 

```

Hình 9 Xóa thư mục scripts bằng lệnh rm -r



```

ubuntu (Snapshot 1) [Running] - Oracle VirtualBox
File Machine View Input Devices Help

Sep 26 07:55
nguyenkhoanguyen@ubuntu: ~

/usr/share/doc/gdisk/gdisk.htm...
/usr/share/doc/gdisk/fixpart.htm...
/usr/share/doc/gdisk/index.htm...
/usr/share/doc/gdisk/gdisk.htm...
/snap/gnome-42-2284/2892/usr/share/gettext/projects/GNOME/teams.html
/snap/gnome-42-2284/2892/usr/share/gettext/projects/KDE/teams.html
/snap/gnome-42-2284/2892/usr/share/gettext/projects/QT/teams.html
nguyenkhoanguyen@ubuntu: ~$ find ./ -name *.class"
./Myweb/gdisk.java
./Myweb/gdisk.class
nguyenkhoanguyen@ubuntu: ~$ find ./ -name *.class" >/dev/null
./sys/fs/group/lo.prio.class
./sys/share/report/testsite/crash.class
./snap/gnome-42-2284/2892/usr/share/gettext/javaversion.class
cp: missing destination file operand after '/usr/share/doc/gdisk/index.html'
Try 'cp --help' for more information.
nguyenkhoanguyen@ubuntu: ~$ cp /usr/share/doc/gdisk/index.html Myweb
nguyenkhoanguyen@ubuntu: ~$ cp /usr/share/doc/gdisk/gdisk.html Myweb
nguyenkhoanguyen@ubuntu: ~$ mv Myweb/index.html Myweb/java
nguyenkhoanguyen@ubuntu: ~$ mv Myweb/gdisk.html Myweb/java
nguyenkhoanguyen@ubuntu: ~$ rm -r Myweb/scripts
nguyenkhoanguyen@ubuntu: ~$ 


```

Hình 10 Thư mục Myweb sau khi xóa thư mục scripts

6. Thiết lập quyền truy xuất cho thư mục Myweb/databases sao cho chỉ có chủ sở hữu có toàn quyền còn các người dùng khác không có bất kỳ quyền gì trên nó

Ta dùng câu lệnh chmod 700 Myweb/databases/

The screenshot shows a terminal window titled "ubuntu [Snapshot 1] [Running] - Oracle VirtualBox". The terminal session starts with a file browser listing various trace-related files in "/usr/share/doc/trace-cmd". The user then runs the following commands:

```
nguyenkhoa@ubuntu:~$ ls -l /usr/share/doc/trace-cmd/trace-cmd-report.1.html
nguyenkhoa@ubuntu:~$ cp /usr/share/doc/trace-cmd/trace-cmd-report.1.html Myweb
nguyenkhoa@ubuntu:~$ cp /usr/share/doc/trace-cmd/trace-cmd-lslist.1.html Myweb
nguyenkhoa@ubuntu:~$ cp /usr/share/doc/trace-cmd/trace-cmd-agent.1.html Myweb
nguyenkhoa@ubuntu:~$ cp /usr/share/doc/trace-cmd/trace-cmd-dat.v6.5.html Myweb
nguyenkhoa@ubuntu:~$ cp /usr/share/doc/trace-cmd/trace-cmd-stream.1.html Myweb
nguyenkhoa@ubuntu:~$ cp /usr/share/doc/trace-cmd/trace-cmd-record.1.html Myweb
nguyenkhoa@ubuntu:~$ cp /usr/share/doc/trace-cmd/trace-cmd-convert.1.html Myweb
nguyenkhoa@ubuntu:~$ cp /usr/share/doc/trace-cmd/trace-cmd-snapshot.1.html Myweb
nguyenkhoa@ubuntu:~$ cp /usr/share/doc/trace-cmd/trace-cmd-retract.1.html Myweb
nguyenkhoa@ubuntu:~$ cp /usr/share/doc/trace-cmd/trace-cmd-reset.1.html Myweb
nguyenkhoa@ubuntu:~$ cp /usr/share/doc/trace-cmd/trace-cmd-mem.1.html Myweb
nguyenkhoa@ubuntu:~$ cp /usr/share/doc/trace-cmd/trace-cmd-det.v3.5.html Myweb
nguyenkhoa@ubuntu:~$ cp /usr/share/doc/trace-cmd/trace-cmd-set.1.html Myweb
nguyenkhoa@ubuntu:~$ cp /usr/share/doc/gdisk.html Myweb
nguyenkhoa@ubuntu:~$ cp /usr/share/doc/gdisk/fixpart.html Myweb
nguyenkhoa@ubuntu:~$ cp /usr/share/doc/gdisk/index.html Myweb
nguyenkhoa@ubuntu:~$ cp /usr/share/doc/gdisk/sgdisk.html Myweb
nguyenkhoa@ubuntu:~$ snap/gnome-42-2204/2082/usr/share/gettext/projects/_GOME/teams.html
nguyenkhoa@ubuntu:~$ snap/gnome-42-2204/2082/usr/share/gettext/projects/_KDE/teams.html
nguyenkhoa@ubuntu:~$ snap/gnome-42-2204/2082/usr/share/gettext/projects/T7/teams.html
nguyenkhoa@ubuntu:~$ find / -name *.class" > /dev/null
bash: syntax error near unexpected token `newline'
nguyenkhoa@ubuntu:~$ find / -name *.class" > /dev/null
Try 'cp --help' for more information.
nguyenkhoa@ubuntu:~$ cp /usr/share/doc/gdisk/index.html Myweb
nguyenkhoa@ubuntu:~$ cp /usr/share/doc/gdisk/gdisk.html Myweb
nguyenkhoa@ubuntu:~$ mv Myweb/gdisk.html Myweb/java
nguyenkhoa@ubuntu:~$ rm -r Myweb/scripts
nguyenkhoa@ubuntu:~$ chmod 700 Myweb/databases/
nguyenkhoa@ubuntu:~$ ls -l Myweb/
total 12
drwxr-xr-x 2 nguyenkhoa nguyenkhoa 4096 Sep 26 07:24 databases
drwxr-xr-x 5 nguyenkhoa nguyenkhoa 4096 Sep 26 07:24 images
drwxr-xr-x 2 nguyenkhoa nguyenkhoa 4096 Sep 26 07:52 java
nguyenkhoa@ubuntu:~$
```

Hình 11 Thiết lập quyền truy xuất cho thư mục databases bằng lệnh chmod 700

Sau đó ta sử dụng lệnh ls Myweb/ -l để kiểm tra. Lúc này group và other trong thư mục databases đã không còn quyền nào

7. Tạo user có tên là it007 và password là ngày sinh của sinh viên. User được tạo nằm trong group tên là HDH

Tạo user tên it007: sử dụng câu lệnh sudo adduser it007. Nếu ta không sử dụng sudo, câu lệnh sẽ không thực hiện được vì quyền thêm người dùng hay nhóm vào hệ thống chỉ có root mới sở hữu, do đó sudo sẽ giúp thực hiện quyền root để tạo ra user mới

```

nguyenkhoaunguyen@ubuntu: ~$ ls /home/
total 12
drwxr-xr-x 2 nguyenkhoaunguyen nguyenkhoaunguyen 4096 Sep 26 07:24 databases
drwxr-xr-x 2 nguyenkhoaunguyen nguyenkhoaunguyen 4096 Sep 26 07:24 Images
drwxr-xr-x 2 nguyenkhoaunguyen nguyenkhoaunguyen 4096 Sep 26 07:52 java
nguyenkhoaunguyen@ubuntu: ~$ adduser it007
Command 'add' not found, did you mean:
  command 'ladd' from deb liblouis0 (2.39-0ubuntu0.6)
  command 'addr' from deb adr-tools (3.0.0-2)
  command 'axd' from deb afnix (3.0.0-1)
  command 'and' from deb aptitude (0.2.22-1)
  command 'ad' from deb aptitude (0.2.22-1)
  command 'ad' from deb netatalk (3.1.15-0ubuntu1)
  command 'adb' from deb adb (1:33.0.3-2)
  command 'adb' from deb google-android-platform-tools-installer (34.0.4-1695033340)
  command 'add' from deb devtools (0.1.20+git20200830.0ed52bd-3)
  command 'atd' from deb at (3.2.5-1ubuntu1)
  command 'atd' from deb id-utils (4.6.28-20200521ss15dab)
try sudo apt install -y
nguyenkhoaunguyen@ubuntu: ~$ adduser it007
fatal: Only root may add a user or group to the system.
nguyenkhoaunguyen@ubuntu: ~$ su
[unauthorized]
nguyenkhoaunguyen: ~$ adduser it007
Info: Adding user `it007'
Info: Selecting UID/GID from range 1000 to 59999 ...
Info: Adding new group `it007` (1001) ...
Info: Adding new user `it007` with group `it007` (1001) ...
Info: Creating home directory `/home/it007` ...
Info: Copying files from `/etc/skel` ...
New password:
Re-type password:
BAD PASSWORD: The password is shorter than 8 characters
Bad password detected!
password: password updated successfully
Changing the user information for it007
Enter the new value, or press ENTER for the default
  Full Name []:
  Room Number []:
  Work Phone []:
  Home Phone []:
  Other []
Is the information correct? [Y/n] Y
Info: Adding new user `it007` to supplemental / extra groups `users` ...
Info: Adding user `it007` to group `users` ...
nguyenkhoaunguyen@ubuntu: ~$ groups it007
it007: it007 users
nguyenkhoaunguyen@ubuntu: ~$ su it007
[unauthorized]
nguyenkhoaunguyen@ubuntu: ~$ id
uid=1001(it007) gid=1001(users) groups=1001(users)

```

Hình 12 Tạo user it007

```

total 12
drwxr-xr-x 2 nguyenkhoaunguyen nguyenkhoaunguyen 4096 Sep 26 07:24 databases
drwxr-xr-x 2 nguyenkhoaunguyen nguyenkhoaunguyen 4096 Sep 26 07:24 Images
drwxr-xr-x 2 nguyenkhoaunguyen nguyenkhoaunguyen 4096 Sep 26 07:52 java
nguyenkhoaunguyen@ubuntu: ~$ groupadd HDH
nguyenkhoaunguyen@ubuntu: ~$ adduser it007 HDH
Info: Adding user `it007'
Info: Selecting UID/GID from range 1000 to 59999 ...
Info: Adding new group `HDH` (1002) ...
Info: Adding new user `it007` with group `HDH` (1002) ...
Info: Creating home directory `/home/it007` ...
Info: Copying files from `/etc/skel` ...
New password:
Re-type password:
BAD PASSWORD: The password is shorter than 8 characters
Bad password detected!
password: password updated successfully
Changing the user information for it007
Enter the new value, or press ENTER for the default
  Full Name []:
  Room Number []:
  Work Phone []:
  Home Phone []:
  Other []
Is the information correct? [Y/n] Y
Info: Adding new user `it007` to supplemental / extra groups `users` ...
Info: Adding user `it007` to group `HDH` ...
nguyenkhoaunguyen@ubuntu: ~$ groups it007
it007: it007 users HDH
nguyenkhoaunguyen@ubuntu: ~$ id
uid=1001(it007) gid=1001(users) groups=1001(users),1002(HDH)

```

Hình 13 Tạo group HDH và thêm user it007 vào group HDH