

## CHAPTER 13: HANDS-ON ACTIVITY

### Introduction:

After completing the guided hands-on activity, you will now practice what you have learned. Feel free to review the previous lessons to help you in this activity.

### In this chapter, you will:

- Apply the things you have learned in all the previous discussions.

### Situation:

It is your first periodic exam in your Computer subject and your teacher decided to give you a hands-on exam. Your teacher gave you the following instructions for your hands-on exam.

#### COMPUTER (LAB101) – First Periodic Exam

For your 1<sup>st</sup> Periodic Exam, I will be giving you a new account in your computer:

username = <yourlastname><pc#>      Ex: murga13  
password = <username>123              Ex: murga13123

Goodluck!

#### - Hands-on exam starts here -

- Start your computer and login using your new username and password.
- Using a text editor, write the following paragraph and save it with the filename *yourlastname\_periodic1.txt*.

*Desiderata*  
*Max Ehrmann, 1952*

*Go placidly amid the noise and haste,  
and remember what peace there may be in silence.  
As far as possible without surrender  
be on good terms with all persons.  
Speak your truth quietly and clearly;  
and listen to others,  
even the dull and the ignorant;  
they too have their story.*

*Avoid loud and aggressive persons,  
they are vexations to the spirit.  
If you compare yourself with others,  
you may become vain and bitter;  
for always there will be greater and lesser persons than yourself.  
Enjoy your achievements as well as your plans.*

- Create a directory *Periodic1* and move the file you previously created in this

directory.

- I placed a file *periodic1.txt* in the */tmp* directory. Open the file and copy its content at the last line of *yourlastname\_periodic1.txt*. Save *yourlastname\_periodic1.txt* and close the files.
- Change the permissions of the directory *Periodic1* to allow the group *lab101* to enter the directory and copy its content. The members of the group include you and your teacher.
- Using the KDE Control Center, change the theme you are using into Kjan and the screensaver to TuXnEmo. Enable the screensaver to start automatically after 10 minutes and require a password to stop the screensaver.

*You may now take a 15-minute break. After 15 minutes, return to your computer and enter your password to stop the screensaver.*

- Open the URL <http://www.bayanihanlinux.edu.ph/lab101/periodic1.html>. The proxy address is <http://proxy.bayanihanlinux.edu.ph> and the port is 3128.
- Using your email account given at the start of the school year, configure your email account using the following settings:

Receiving

Server Type: POP

Host: mail.bayanihanlinux.edu.ph

Sending

Server Type: SMTP

Host: mail.bayanihanlinux.edu.ph

After configuring your email account, copy the content of the website you previously opened and paste it in a new email message. Send the new email message to [it\\_instructor@bayanihanlinux.edu.ph](mailto:it_instructor@bayanihanlinux.edu.ph) with the subject Periodic Exam 1.

- At the right side of your monitor is a video CD. Play the content of the video CD and follow the instructions shown in the video. The video will also give you the root password of your computer which you will use for the last two exercise.
- I have created an application that logs every command entered in the Konsole. Open a Konsole, run the application logcommands. With the logcommands running, open a new shell and do the following:
  - list the content of the current directory
  - create a file named fox.txt with the following content:  
The quick brown fox jumped over the lazy dogs.
  - Create a new directory Fox in your home directory.
  - Move the file fox.txt in the Fox directory.

- Create a new user with the following details:

```
username: tadeo
fullname: Tadeo D. Tux
password: tadeo123
```

Since you are not the administrator, you will be asked to enter the root password before you can create a new user account. Use the root password given at the previous exercise. Enable account expiration on the account, specify expiration date as 2004-08-01.

- Again using the root password, setup the printer. The configuration is:

```
queue name: LAB101
printer: HP LaserJet 4100
address: 10.10.5.254.
queue type: Networked CUPS (IPP)
```

Open the file *yourlastname\_periodic1.txt* and write your name and student number at the first line of the file. Save and print the file and submit the printed copy to your teacher.

**- Hands-on exam ends here -**

God bless! =)

Note: You will get the result of your hands-on <date here>.