**CIT 352 Chapter 2**

Name:

Complete all Projects by executing every step in each project. For those steps listed below, follow the specified instruction.

Project 2-1

Step 1 - 2

* Skip (you have already done these steps during VirtualBox installation)

Step 8

* Newer versions of Fedora since the book was written have changed the default partitions. To make them match what you need for later exercises, do not “Click here to create them automatically” but instead we will create the partitions manually.

Create the boot partition:

Click the + icon

Mount Point: /boot

Desired Capacity: 1G

Click "Add mount point"

This should create sda1

Create the swap partition:

Click the + icon

Point: swap

Desired Capacity: 3.96G

Click "Add mount point"

This should create sda2

Create the root partition:

Click the + icon

Mount Point: /

Desired Capacity: 35G

This should create sda3

When completed, the screen should look like this:

Graphical user interface, application

Description automatically generated

Step 8a

* By manually created the partitions, you have already set sda3 at 35GB, so you do not need to change it again.
* Insert the screen capture (If you had forgotten to take a screen capture during Step 8a, take any screen capture that shows that you have successfully installed Fedora)

Graphical user interface

Description automatically generated

Project 2-2

Step 1:

* Windows users: Press “Ctrl+Alt+F3” or “Ctrl+Alt+Fn+F3”
* Mac users: Press “Ctrl+Command+F3” or “Ctrl+Command+Fn+F3”

Step 7:

* Insert the screen capture, except “exit” command

Text

Description automatically generated

Project 2-3

Step 6:

* At the end of this step, type “dnf upgrade” to update all packages on your Fedora (this may take some time to complete)

Step 8:

* Instead of using Terminal, click on Applications -> System Tools - > Konsole and use the Konsole application.

Step 10:

* Insert the screen capture

Graphical user interface, text

Description automatically generated

Project 2-4

Step 6:

* Insert the screen capture

Text

Description automatically generated

Step 10:

* Insert the screen capture

Project 2-5

Step 2:

* Describe the purpose of the ; metacharacter

Command termination

Step 12:

* What function do back quotes perform?

Command substitution

* Insert the screen capture. Note: `whoami` should be wrapped in back quotes ` ` both beginning and end. These are different from single quotes.

Text

Description automatically generated

Project 2-6

Step 6:

* Insert the screen capture

Text

Description automatically generated

Project 2-7

Step 2:

* Which commands from Table 2-9 can also be used to power off your Linux system immediately?

“shutdown -P now”

“poweroff”

* Which commands from Table 2-9 can also be used to reboot your Linux system immediately?

“shutdown -r now”

“reboot”

**Command Reference** (List all new commands you learned in this chapter)

“shutdown -P now”

“who”

“whoami”

“id”