Seneca College – Faculty of Continuing Education – Summer 2015

ULI101SA Lab 3 – matrix File and Directory Structure

Course Name:	**Introduction To Unix, Internet And XHTML**
Course Code:	**ULI101SA – Semester 152**
Instructor:	Rudy Maharajh
Lab Start Date:	24th Jun, 2015
Lab Due Date:	08th Jul, 2015
Time Allotted:	**1 Hr**.
Total Marks:	**3 Marks**

Please Note:
- **This Lab is worth 3% of your final mark**
- **Please read the instructions carefully before attempting this Lab**
- **Please record all results EXACTLY as seen on screen**
- **Write all your answers on this Lab document for hand-in, STAPLE all pages**
- **Include additional printouts as necessary**

Your Name: _____   **Student ID:** _____

Lab Objectives:
- To understand the UNIX File system in **matrix** server.
- To study the use and effect of file and directory manipulation commands.

Lab Instructions:
1. Open up a **Secure telnet session** window for logging into remote computers, using **Putty** or other **ssh** secure telnet
2. Set your connection to the **matrix** server at **matrix.senecac.on.ca**
3. At the login prompt enter your **matrix** username.
4. At the password prompt enter your **matrix** password.
5. Follow the instructions listed below.
6. Identify each script with the following commented lines of information at the beginning of your file:

Enter the following commands explain what each command does.

1. In your **matrix** home directory, create a sub directory named **lab3**.
   Enter this command: **mkdir lab3**

2. Make **lab3** your working directory and remain there for the rest of this Lab.
   Enter this command: **cd lab3**

The commands listed below are used to create this directory and file structure.

```
~/lab3/uli101/outline/ -- marks
                       -- class
                       -- policy
            /course/Day1/ -- presn1.ppt
                          -- lab1.doc
                          -- Lab2.doc
            /course/day2/ -- basics.ppt
                          -- commands.doc
            /course/Day3/ -- 1ans
                          -- 2ans
                          -- 3ans
            /sales/ -- .proposal.txt
                    -- .secrets.doc
```

3.
```
mkdir -p uli101/outline
mkdir -p uli101/course/Day1
mkdir -p uli101/course/day2
mkdir -p uli101/course/Day3
mkdir -p uli101/sales
```

ls –l uli*

Results: _____

_____

_____

4.
```
cd ~/lab3/uli101/outline
touch marks class policy
cd ~/lab3/uli101/course/Day1
touch presn1.ppt lab1.doc Lab3.doc
cd ~/lab3/uli101/course/day2
touch basics.ppt commands.doc
cd ~/lab3/uli101/course/Day3
touch 1ans 2ans 3ans
cd ~/lab3/uli101/sales
touch .proposal.txt .secrets.doc
```

cd ~/lab3/uli101/course

ls –l d*

Results: _____

_____

_____

_____

_____

5.
```
ls -l D*
```

Result: _____
_____

6.
```
ls -l [Dd]*
```

Result: _____
_____
_____
_____

7.
```
cd ~<enter your user name here>/lab3/uli101/course
pwd
```

Result: _____
_____

8.
What kind of **addressing** is used here:

Result: _____
_____

9.
```
cd <space>
cd lab3/uli101/course/Day3
ls -l [12]*
```

Result: _____
_____
_____
_____
_____

10.
What kind of **addressing** is used here:

Result: _____
_____

11.
```
cd ~/lab3/uli101/course/day2
```

Enter below the command to copy the file **basics.ppt** to the folder outline, using **relative addressing**.

Result: _____
_____
_____

12.
Enter below the command to **copy** the file **commands.doc** to the folder **outline**, using **absolute addressing**.

Result: _____
_____
_____

13.
Enter below the command to **move** the file **.secrets.doc** to the folder **Day1** using **relative** addressing.

Result: _____
_____
_____