Computer Science Department- Faculty of Engineering and Technology

Linux OS Lab- Comp 311

Project 2 (Labs 5-8): Due: Tuesday 31/5/2022 (Before 23:59 P.M)

Every file you have to create, you should write your name and ID inside it.

On your machine, create a subdirectory under your home directory called youruserid_prj2 (e.g. u119xxxx_prj2). and create the following inside it.

Create two files, Jobs.txt and Strings.txt

Question One: *(store all commands for part A and part B inside Jobs.txt file)*

Part A: *Without Using fg and ctrl+z command.*

[1]	Hangup	forever
[2]-	Stopped	forever
[3].	Running	forever &
[4]+	Stopped	forever
[5]	Hangup	forever
[6].	Killed	forever

Write **down all command(s) only** *that used for creating jobs with there status as shown above,* **inside the file** *you were created under part A section.*

PART B: (use One command line only)

1) *Display the default shell used by user root .*

2) *Display the number of files in directory /etc that end with the word .conf*

3) *Display all files in (etc) directory does not contain word passwd in these files page by page at screen*

4) *Find the names of all account that log in the system and print login time for him/her (hint: open anothernew terminal, so you have two terminals opened)*

5) *Print login time for your current active terminal (i.e pts/0)*

Question Two (store all commands for this section inside the Strings .txt file. For this section use the attached studentPassword file)

Note: use One command line only

1. _Print lines form 14-16 and save them on "**output.txt**" file ?_

2. _List the login names for all users with the "**ksh**" shell as their default shell._

3. _Display the first names of all users whose last names end with the letter 'n' or 'm' (for all cases):_

4. _Display the last names of all the users sorted by their user id numbers ._

5. _Remove Duplicated lines form the file attached and sort them in new file called **newStudent.**_

6. _Display Student ID **(without u)** , Student Name **(without underscore)** , sorted in alphabetical order_

7. _Display all comp322 students names without underscore (First Last)._

8. _Display all students (username) whose name is start with **mohammad** (all cases), store them, sorted in descending order_

9. _Search for word **comp322** and replace it with word comp311 and store the result in updatedComp311 file._

10. _Display all students **(first last)** names whom numbers are started with **112,113, or 114**?_

_tar -cvf youruserid_prj2.tar youruserid_prj2_

This command will create an archive (tar file) of the entire directory structure of youruserid_prj2. reply to a message called **projectTwo Submission** by attaching the file youruserid_prj2.tar by the due date and time.

**You should do all the work above completely on your own**. Working with anybody else in class or others on any part of this project will result in a zero grade.

No projects will be accepted after the due date _and TIME for any reason_