Your login name: altschool i.e., home directory /home/altschool. The home directory contains the following sub-directories: code, tests, personal, misc Unless otherwise specified, you are running commands from the home directory.

Ans: Create an alschool user with a home directory by wrinting useradd -m altschool

Mkdir code tests personal misc

1. Change directory to the tests directory using absolute pathname

Ans: cd /home/altschool/tests

1. Change directory to the tests directory using relative pathname
2. Ans: cd tests
3. Use echo command to create a file named fileA with text content ‘Hello A’ in the misc directory

Ans: echo “Hello A” > fileA

1. Create an empty file named fileB in the misc directory. Populate the file with a dummy content afterwards

Ans: cd misc , touch fileB, nano fileB (fill it with content and save)

1. Copy contents of fileA into fileC

Ans: cp fileA fileC

1. Move contents of fileB into fileD

Ans: cp fileB fileD

1. Create a tar archive called misc.tar for the contents of misc directory

Ans: tar -cf misc.tar misc

1. Compress the tar archive to create a misc.tar.gz file

Ans : gzip misc.tar

1. Create a user and force the user to change his/her password upon login

Ans: useradd -m newUser, passwd –expire newUser

1. Lock a users password

Ans: passwd –lock newUser

1. Create a user with no login shell

Ans: useradd -s /usr/sbin/nologin nologinuser

1. Disable password based authentication for ssh

Ans: nano /etc/ssh/ssh\_config, edit the passwordAuthentication from yes to no

1. Disable root login

Ans:nano /etc/passwd, edit the shell for the rootuser to /usr/sbin/nologin

Mode of submission:

you are going to push the required commands to your github repositories.

Deadline: 10th Feb 2024