**ASSIGNMENT OF LINUX SESSION #5**

Q. 1. How to change the group of files and the folder with a single command?

Ans. **To change group of a folder which includes other files also:**

chgrp -R CITY Towns

**To change group of multiple files and folders:**

chgrp CITY Towns Villages Streets

(Here, CITY is group name, and Towns, Villages, Streets are different files)

Q. 2. Create a new user and at the same time you have to add that user into the group you have already created.

Ans. useradd -g CONTINENT Asia

**To check group name ->** id -gn CONTINENT

(Here, CONTINENT is the group name and Asia is the user name)

Q. 3. How to unzip the bz2 files?

Ans. **To archive and compress:**

yes “hello” BigFile.txt

tar -cjf Demo.tar.bz2 BigFile.txt

tar -xjf Demo.tar.bz2

**To only compress and decompress:**

bzip2 BigFile.txt

bzip2 -d BigFile.txt.bz2

Q. 4. Create an archive + compress file with the extension .bz2 and in that include some file with data and a folder.

Ans. mkdir Cartoon

cd /home/rakesh7137/Cartoon

mkdir Pokemon

yes “first” >> snorlax.txt

yes “second” >> charizard.txt

cd ..

du -sh Cartoon **//to check size of Cartoon folder**

tar -cvjf Small.tar.bz2 Cartoon **//to archive + compress + view included files**

**The following files will be included in the archive using above command:**

**Cartoon/**

**Cartoon/snorlax.txt**

**Cartoon/Pokemon**

**Cartoon/Charizard.txt**

Q. 5. Add a user and at the same time you have to change the shell of user to /bin/sh (as by default the shell is /bin/bash).

Ans. sudo useradd -s /bin/sh SNORLAX

**To check shell of SNORLAX user ->** grep “SNORLAX” /etc/passwd