Linux Administration LAB
Worksheet – 2.3

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1. Aim/Overview of the practical:

In this assignment we are going to discuss about restoring the file.

2. Task to be done:

You wish to restore the file named ABC.txt which was backed up in the tarfile with name MyBackup.tar. What command should you type? Use an option of gzip command to compress a tar file MyBackup.tar. Now create a file with name MyBackUp.tar and then try to search a file named MyBackup.tar using regular expressions after executing listing command.

CONCEPT USED :
Touch : is used to create a file
Ls: is used to listing the file.
Rm: is used to remove the file.
Tar: is used to create a archive
x: extract the archives.
-f: displays or lists files in archived file.
-r: append file to archives
-v: show the the progress of archive file.
-t: displays or lists files in archived file.
Cat > file: is used to create a file and add contents on that file.
Ls -l: is used to check the size of a file.
Zip\gzip: is used to compress the file.

Code for experiment/practical

Touch abc.txt: // created a file abc.txt
ls: // listed the file abc.txt
tar -cvf mybackup.tar abc.txt: // file abc.txt was backed up in the tar file mybackup.tar
rm abc.txt: // removed the file abc.txt
tar -xvf mybackup.tar: // restored the tar file mybackup.tar
gzip -v mybackup.tar: // compressed the tar file mybacup.tar with
gzip
command
tar -cvf mybackup.tar abc.txt: // created a archive file mybackup.tar

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Result/Output/Writing Summary:

Output:

```
 1  touch abc.txt
 2  ls
 3  tar -cvf mybackup.tar abc.txt
 4  ls
 5  rm abc.txt
 6  ls
 7  tar -xvf mybackup.tar
 8  ls
 9  gzip -v mybackup.tar
10  ls
11  tar -cvf mybackup.tar abc.txt
12  ls
13  ls m*p.tar
14  history
$
```

Learning outcomes (What I have learnt):

1. Learnt about restoring the file.
2. Learnt about the using of compression and archiving commands.