1. **Tar Archive**
   a. Create a tar archive file of your home directory – tar -cvf backup.tar .
   b. Create a tar archive file – tar -cvf etcbackup.tar /etc (become root)
   c. Move the etcbackup.tar to another directory root/Backups
   d. Create tar.gz file – tar -zcvf etcbackup.tar.gz /etc
   e. Move the gz file to root/Backups
   f. Create a tar.gz archive file of your home directory
   g. Create tar.bz2 archive file – tar -jcvf etcbackup.tar.bz2 /etc
   h. Move the bz file to root/Backups and compare the archive files using ls -lh
   i. Create tar.bz2 file of your home directory
   j. Untar files in the present directory
      i. tar -xvf backup.tar
   k. Untar files in specified directory
      i. Tar -xvf backup.tar -C /tmp/backup (create dir tmp/backup under your home directory)
   l. Create tar archive file of a directory CEO under your home directory named CEOBackup.tar
   m. List all files under CEOBackup.tar using tar -tvf CEOBackup.tar
   n. Add more files and directories to CEOBackup.tar using
      i. tar -rvf CEOBackup.tar fil1 file 2 file3 / dir1 dir2
   o. Untar single files / multiple files and dirs using
      i. tar -xvf CEOBackup.tar file1 file2 file3 /dir1 dir2
   p. Delete a file or directory from the tar acrchive using
      i. tar --delete -f CEOBackup.tar file1 /dir1

2. **Gzip archive**
   a. Create a gzip archive of file(s)
      i. gzip filename
      ii. gzip filename1 filename2 filename3
   b. Create a gzip file keeping the original file
      i. gzip -k filename
   c. check out gzip -v filename cmd
   d. Create a gzip file for tar archive file CEOBackup.tar
      i. gzip CEObackup.tar (this way you can archive the directory and then apply gzip for compression)
   e. Create a gzip file for directory with subdirectories and files and observe
      i. gzip -r dirname

    f. decompress gzip files
- i. gzip -d filename(s)
- ii. gunzip filename(s)
- iii. gzip -dr dirname
- iv. gunzip -r dirname
- v. gzip -dk filename (keeping the compressed file)

    g. list the contents of gzip file/dir
- i. gzip -l filename.gz
- ii. gzip -lr dirname

3. **bzip2 archive**

    a. Create a bzip2 archive of file(s)
- i. bzip2 filename
- ii. bzip2 filename1 filename2 filename3

    b. Create a bzip2 file keeping the original file
- i. bzip2 -k filename

    c. check out bzip2 -v filename cmd

    d. Create a bzip2 file for tar archive file CEOBackup.tar
- i. bzip2 CEObackup.tar (this way you can archive the directory and then apply gzip for compression)

    e. decompress bzip2 files
- i. bzip2 -d filename(s)
- ii. bunzip2 filename(s)
- iii. bzip2 -dk filename (keeping the compressed file)