

UNIX LAB 7

423111

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student@nit-OptiPlex-7070:~/123$ mkdir myfolder/subdir
student@nit-OptiPlex-7070:~/123$ echo "Inside Subdirectory" > myfolder/subdir/file3.txt
student@nit-OptiPlex-7070:~/123$ tar cvf myarchive.tar myfolder/
myfolder/
myfolder/file1.txt
myfolder/file2.txt
myfolder/subdir/
myfolder/subdir/file3.txt
student@nit-OptiPlex-7070:~/123$ tar cvzf myarchive.tar.gz myfolder/
myfolder/
myfolder/file1.txt
myfolder/file2.txt
myfolder/subdir/
myfolder/subdir/file3.txt
student@nit-OptiPlex-7070:~/123$ tar cvfj myarchive.tar.bz2 myfolder/
myfolder/
myfolder/file1.txt
myfolder/file2.txt
myfolder/subdir/
myfolder/subdir/file3.txt
student@nit-OptiPlex-7070:~/123$ tar xvf myarchive.tar myfolder/file1.txt
myfolder/file1.txt
student@nit-OptiPlex-7070:~/123$ tar xvzf myarchive.tar.gz myfolder/file1.txt
myfolder/file1.txt
student@nit-OptiPlex-7070:~/123$ tar xvfj myarchive.tar.bz2 myfolder/file1.txt
myfolder/file1.txt
student@nit-OptiPlex-7070:~/123$ tar xvf myarchive.tar myfolder/subdir/
myfolder/subdir/
myfolder/subdir/file3.txt
student@nit-OptiPlex-7070:~/123$ echo "New file content" > newfile.txt
student@nit-OptiPlex-7070:~/123$ tar rvf myarchive.tar newfile.txt
newfile.txt
student@nit-OptiPlex-7070:~/123$ echo "Updated content" > myfolder/file1.txt
student@nit-OptiPlex-7070:~/123$ tar uf myarchive.tar myfolder/file1.txt
student@nit-OptiPlex-7070:~/123$ tar cvf archive1.tar myfolder/file1.txt
myfolder/file1.txt
student@nit-OptiPlex-7070:~/123$ tar cvf archive2.tar myfolder/file2.txt
myfolder/file2.txt
student@nit-OptiPlex-7070:~/123$ tar -Af archive1.tar archive2.tar
student@nit-OptiPlex-7070:~/123$ tar -cf - myfolder/ | wc -c
10240
student@nit-OptiPlex-7070:~/123$ tar -cf - myfolder/ | wc -c | awk
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student@nit-OptiPlex-7070:~$ tar -Af archive1.tar archive2.tar
tar: archive2.tar: Cannot open: No such file or directory
tar: Exiting with failure status due to previous errors
student@nit-OptiPlex-7070:~$ tar cf - myfolder/ | wc -c
10240
student@nit-OptiPlex-7070:~$ tar cvf textfiles.tar *.txt
2025-01-28_16-06.txt
error_count.txt
file1.txt
file2.txt
file3.txt
newfile.txt
output.txt
summary_20250128.txt
student@nit-OptiPlex-7070:~$ tar xvf myarchive.tar --wildcards
myfolder
newfile.txt
student@nit-OptiPlex-7070:~$ mkdir myfolder
mkdir: cannot create directory 'myfolder': File exists
student@nit-OptiPlex-7070:~$ echo "Hello World" > myfolder/file1.txt
bash: myfolder/file1.txt: Not a directory
student@nit-OptiPlex-7070:~$ echo "Linux Commands" > myfolder/subdir/file3.txt
bash: myfolder/subdir/file3.txt: Not a directory
student@nit-OptiPlex-7070:~$ tar cvf myarchive.tar myfolder/
myfolder
student@nit-OptiPlex-7070:~$ mkdir myfolder/subdir
mkdir: cannot create directory 'myfolder/subdir': Not a directory
student@nit-OptiPlex-7070:~$ echo "Inside Subdirectory" > myfolder/subdir/file3.txt
bash: myfolder/subdir/file3.txt: Not a directory
student@nit-OptiPlex-7070:~$ tar cvzf myarchive.tar.gz myfolder/
myfolder
student@nit-OptiPlex-7070:~$ tar xvf myarchive.tar myfolder/file1.txt
tar: myfolder/file1.txt: Not found in archive
tar: Exiting with failure status due to previous errors
student@nit-OptiPlex-7070:~$ touch 423111
student@nit-OptiPlex-7070:~$ cd 423111
bash: cd: 423111: Not a directory
student@nit-OptiPlex-7070:~$ mkdir 423111
mkdir: cannot create directory '423111': File exists
student@nit-OptiPlex-7070:~$ mkdir 123
student@nit-OptiPlex-7070:~$ cd 123
student@nit-OptiPlex-7070:~/123$ mkdir myfolder
student@nit-OptiPlex-7070:~/123$ echo "Hello World" > myfolder/file1.txt
student@nit-OptiPlex-7070:~/123$ echo "Linux Commands" > myfolder/file2.txt
student@nit-OptiPlex-7070:~/123$ mkdir myfolder/subdir
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```
student@nit-OptiPlex-7070:~$ mkdir mygzipfolder
student@nit-OptiPlex-7070:~$ touch mygzipfolder/file1.txt
student@nit-OptiPlex-7070:~$ touch mygzipfolder/file2.txt
bash: mygzipfolder/file2.txt: No such file or directory
student@nit-OptiPlex-7070:~$ touch mygzipfolder/file2.txt
student@nit-OptiPlex-7070:~$ tar cvzf myarchive.tar.gz mygzipfolder/
mygzipfolder/
mygzipfolder/file1.txt
mygzipfolder/file2.txt
student@nit-OptiPlex-7070:~$ mkdir mybzipfolder
student@nit-OptiPlex-7070:~$ touch mybzipfolder/file1.txt
student@nit-OptiPlex-7070:~$ touch mybzipfolder/file2.txt
student@nit-OptiPlex-7070:~$ tar cvfj myarchive.tar.bz2 mybzipfolder/
mybzipfolder/
mybzipfolder/file1.txt
mybzipfolder/file2.txt
student@nit-OptiPlex-7070:~$ mkdir myfolder
mkdir: cannot create directory 'myfolder': File exists
student@nit-OptiPlex-7070:~$ touch myfolder/file1.txt myfolder/file2.txt myfolder/file3.txt
touch: cannot touch 'myfolder/file1.txt': Not a directory
touch: cannot touch 'myfolder/file2.txt': Not a directory
touch: cannot touch 'myfolder/file3.txt': Not a directory
student@nit-OptiPlex-7070:~$ tar cvf myarchive.tar myfolder/
myfolder
student@nit-OptiPlex-7070:~$ tar xvf myarchive.tar
myfolder
student@nit-OptiPlex-7070:~$ tar xvzf myarchive.tar.gz
mygzipfolder/
mygzipfolder/file1.txt
mygzipfolder/file2.txt
student@nit-OptiPlex-7070:~$ tar xvfj myarchive.tar.bz2
mybzipfolder/
mybzipfolder/file1.txt
mybzipfolder/file2.txt
student@nit-OptiPlex-7070:~$ tar tvf myarchive.tar
-rw-rw-r-- student/student  0 2025-03-04 14:46 myfolder
student@nit-OptiPlex-7070:~$ tar tvzf myarchive.tar.gz
drwxrwxr-x student/student  0 2025-03-04 15:07 mygzipfolder/
-rw-rw-r-- student/student  0 2025-03-04 15:06 mygzipfolder/file1.txt
-rw-rw-r-- student/student  0 2025-03-04 15:07 mygzipfolder/file2.txt
student@nit-OptiPlex-7070:~$ touch newfile.txt
student@nit-OptiPlex-7070:~$ tar rvf myarchive.tar newfile.txt
newfile.txt
student@nit-OptiPlex-7070:~$ tar uvf myarchive.tar updatedfile.txt
tar: updatedfile.txt: Cannot stat: No such file or directory
tar: Exiting with failure status due to previous errors
```

```
student@nit-OptiPlex-7070:~$ mkdir mygzipfolder
student@nit-OptiPlex-7070:~$ touch mygzipfolder/file1.txt
student@nit-OptiPlex-7070:~$ touch mygzipfolder/file2.txt
bash: mygzipfolder/file2.txt: No such file or directory
student@nit-OptiPlex-7070:~$ touch mygzipfolder/file2.txt
student@nit-OptiPlex-7070:~$ tar cvzf myarchive.tar.gz mygzipfolder/
mygzipfolder/
mygzipfolder/file1.txt
mygzipfolder/file2.txt
student@nit-OptiPlex-7070:~$ mkdir mybzipfolder
student@nit-OptiPlex-7070:~$ touch mybzipfolder/file1.txt
student@nit-OptiPlex-7070:~$ touch mybzipfolder/file2.txt
student@nit-OptiPlex-7070:~$ tar cvfj myarchive.tar.bz2 mybzipfolder/
mybzipfolder/
mybzipfolder/file1.txt
mybzipfolder/file2.txt
student@nit-OptiPlex-7070:~$ mkdir myfolder
mkdir: cannot create directory 'myfolder': File exists
student@nit-OptiPlex-7070:~$ touch myfolder/file1.txt myfolder/file2.txt myfolder/file3.txt
touch: cannot touch 'myfolder/file1.txt': Not a directory
touch: cannot touch 'myfolder/file2.txt': Not a directory
touch: cannot touch 'myfolder/file3.txt': Not a directory
student@nit-OptiPlex-7070:~$ tar cvf myarchive.tar myfolder/
myfolder
student@nit-OptiPlex-7070:~$ tar xvf myarchive.tar
myfolder
student@nit-OptiPlex-7070:~$ tar xvzf myarchive.tar.gz
mygzipfolder/
mygzipfolder/file1.txt
mygzipfolder/file2.txt
student@nit-OptiPlex-7070:~$ tar xvfj myarchive.tar.bz2
mybzipfolder/
mybzipfolder/file1.txt
mybzipfolder/file2.txt
student@nit-OptiPlex-7070:~$ tar tvf myarchive.tar
-rw-rw-r-- student/student  0 2025-03-04 14:46 myfolder
student@nit-OptiPlex-7070:~$ tar tvzf myarchive.tar.gz
drwxrwxr-x student/student  0 2025-03-04 15:07 mygzipfolder/
-rw-rw-r-- student/student  0 2025-03-04 15:06 mygzipfolder/file1.txt
-rw-rw-r-- student/student  0 2025-03-04 15:07 mygzipfolder/file2.txt
student@nit-OptiPlex-7070:~$ touch newfile.txt
student@nit-OptiPlex-7070:~$ tar rvf myarchive.tar newfile.txt
newfile.txt
student@nit-OptiPlex-7070:~$ tar uvf myarchive.tar updatedfile.txt
tar: updatedfile.txt: Cannot stat: No such file or directory
tar: Exiting with failure status due to previous errors
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```
student@nit-OptiPlex-7070:~$ tar -czf myarchive.tar.gz myfolder
tar: myfolder: Cannot stat: No such file or directory
tar: Exiting with failure status due to previous errors
student@nit-OptiPlex-7070:~$ cd myfolder
bash: cd: myfolder: No such file or directory
student@nit-OptiPlex-7070:~$ touch myfolder
student@nit-OptiPlex-7070:~$ tar -czf myarchive.tar.gz myfolder
student@nit-OptiPlex-7070:~$ $ tar cvf archive_name.tar abc def
$: command not found
student@nit-OptiPlex-7070:~$ touch file1.txt file2.txt file3.txt
student@nit-OptiPlex-7070:~$ tar cvf my_archive.tar file1.txt file2.txt file3.txt
file1.txt
file2.txt
file3.txt
student@nit-OptiPlex-7070:~$ mkdir myfolder
mkdir: cannot create directory 'myfolder': File exists
student@nit-OptiPlex-7070:~$ touch myfolder/file1.txt myfolder/file2.txt myfolder/file3.txt
touch: cannot touch 'myfolder/file1.txt': Not a directory
touch: cannot touch 'myfolder/file2.txt': Not a directory
touch: cannot touch 'myfolder/file3.txt': Not a directory
student@nit-OptiPlex-7070:~$ tar cvf myarchive.tar myfolder/
myfolder
student@nit-OptiPlex-7070:~$ tar cvf myfiles.tar file1.txt file2.txt file3.txt
file1.txt
file2.txt
file3.txt
student@nit-OptiPlex-7070:~$ mkdir mygzipfolder
student@nit-OptiPlex-7070:~$ touch mygzipfolder/file1.txt
student@nit-OptiPlex-7070:~$ mygzipfolder/file2.xt
bash: mygzipfolder/file2.xt: No such file or directory
student@nit-OptiPlex-7070:~$ touch mygzipfolder/file2.txt
student@nit-OptiPlex-7070:~$ tar cvzf myarchive.tar.gz mygzipfolder/
mygzipfolder/
mygzipfolder/file1.txt
mygzipfolder/file2.txt
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