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[root@ip-172-31-30-239 ec2-user]# tar -cvf archive.tar project
tar: project: Cannot stat: No such file or directory
tar: Exiting with failure status due to previous errors
[root@ip-172-31-30-239 ec2-user]# tar -cvf archive.tar project1
project1/
project1/F1.txt
project1/F2.txt
project1/F3.txt
[root@ip-172-31-30-239 ec2-user]# ls
Aditya Project ab alpha archive.tar file1 pratik pratikl project.tar project1 ram.txt
[root@ip-172-31-30-239 ec2-user]# cd archive.tar
bash: cd: archive.tar: Not a directory
[root@ip-172-31-30-239 ec2-user]# ls -l
bash: ls-l: command not found
[root@ip-172-31-30-239 ec2-user]# ls -l
total 24
drwxr-xr-x 2 root      root      6 Jul  1 05:44 Aditya
drwxr-xr-x 2 root      root      6 Jul  1 05:47 Project
-rw-r--r--  1 root      root      0 Jul  1 05:44 ab
-rw-r--r--  1 ec2-user  ec2-user  0 Jul  1 05:22 alpha
-rw-r--r--  1 root      root      10240 Jul  6 06:23 archive.tar
drwxr-xr-x  2 ec2-user  ec2-user  6 Jun 17 14:28 file1
drwxr-xr-x  2 ec2-user  ec2-user  6 Jul  1 05:22 pratik
-rw-r--r--  1 root      root      0 Jul  1 05:48 pratikl
-rw-r--r--  1 ec2-user  ec2-user  10240 Jul  1 05:26 project.tar
drwxr-xr-x  2 ec2-user  ec2-user  48 Jul  6 06:22 project1
-rw-r--r--  1 ec2-user  ec2-user  0 Jul  1 05:21 ram.txt
[root@ip-172-31-30-239 ec2-user]# gzip archive.tar
[root@ip-172-31-30-239 ec2-user]# ls
Aditya Project ab alpha archive.tar.gz file1 pratik pratikl project.tar project1 ram.txt
[root@ip-172-31-30-239 ec2-user]# ls -l
total 16
drwxr-xr-x  2 root      root      6 Jul  1 05:44 Aditya
drwxr-xr-x  2 root      root      6 Jul  1 05:47 Project
-rw-r--r--  1 root      root      0 Jul  1 05:44 ab
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aws | Search [Alt+S] United States (N. Virginia) ▾ Pratik AWS ▾

-rw-r--r--. 1 root      root      246 Jul  6 06:23 archive.tar.gz.bz2
drwxr-xr-x. 2 ec2-user  ec2-user   6 Jun 17 14:28 file1
-rw-r--r--. 1 root      root      0 Jul  6 06:35 newfile.txt
drwxr-xr-x. 2 ec2-user  ec2-user   6 Jul  1 05:22 pratik
-rw-r--r--. 1 root      root      0 Jul  1 05:48 pratikl
-rw-r--r--. 1 ec2-user  ec2-user 10240 Jul  1 05:26 project.tar
drwxr-xr-x. 2 ec2-user  ec2-user   48 Jul  6 06:22 projectl
-rw-r--r--. 1 ec2-user  ec2-user   0 Jul  1 05:21 ram.txt
[root@ip-172-31-30-239 ec2-user]# touch hello.txt
[root@ip-172-31-30-239 ec2-user]# tar -czfhello.tar.gz hello.txt
[root@ip-172-31-30-239 ec2-user]# ls
aditya  Project ab alpha archive.tar.gz.bz2 file1 hello.tar.gz hello.txt newfile.txt pratik pratikl project.tar projectl ram.txt
[root@ip-172-31-30-239 ec2-user]# tar -czf helio.tar.gz hello.txt
[root@ip-172-31-30-239 ec2-user]# ls
aditya  Project ab alpha archive.tar.gz.bz2 file1 hello.tar.gz hello.txt newfile.txt pratik pratikl project.tar projectl ram.txt
tar: Cowardly refusing to create an empty archive
Try 'tar --help' or 'tar --usage' for more information.
[root@ip-172-31-30-239 ec2-user]# ls -l
total 20
drwxr-xr-x. 2 root      root      6 Jul  1 05:44 Aditya
drwxr-xr-x. 2 root      root      6 Jul  1 05:47 Project
-rw-r--r--. 1 root      root      0 Jul  1 05:44 ab
-rw-r--r--. 1 ec2-user  ec2-user   0 Jul  1 05:22 alpha
-rw-r--r--. 1 root      root     246 Jul  6 06:23 archive.tar.gz.bz2
drwxr-xr-x. 2 ec2-user  ec2-user   6 Jun 17 14:28 file1
-rw-r--r--. 1 root      root    115 Jul  6 06:40 hello.tar.gz
-rw-r--r--. 1 root      root      0 Jul  6 06:39 hello.txt
-rw-r--r--. 1 root      root      0 Jul  6 06:35 newfile.txt
drwxr-xr-x. 2 ec2-user  ec2-user   6 Jul  1 05:22 pratik
-rw-r--r--. 1 root      root      0 Jul  1 05:48 pratikl
-rw-r--r--. 1 ec2-user  ec2-user 10240 Jul  1 05:26 project.tar
drwxr-xr-x. 2 ec2-user  ec2-user   48 Jul  6 06:22 projectl
-rw-r--r--. 1 ec2-user  ec2-user   0 Jul  1 05:21 ram.txt
[root@ip-172-31-30-239 ec2-user]#
```