```
Last login: Fri Apr 19 20:27:07 on ttys000
anurupathumma@192-168-1-10 ~ % ls
Applications                                                                     Movies
Creative Cloud Files Personal Account anurupathumma@gmail.com 757E2C6D5C6387E80A495C7C@AdobeID  Music
Desktop                                                                          Passport copy New.pdf
Documents                                                                        Pictures
Downloads                                                                        Public
Library
anurupathumma@192-168-1-10 ~ % cd download
cd: no such file or directory: download
anurupathumma@192-168-1-10 ~ % ls -lrth
total 744
drwxr-xr-x+  4 anurupathumma  staff   128B 16 Aug  2021 Public
drwx------+  4 anurupathumma  staff   128B 16 Aug  2021 Pictures
drwx------+  4 anurupathumma  staff   128B 16 Aug  2021 Music
drwx------   4 anurupathumma  staff   128B 18 Aug  2021 Movies
drwx------@  3 anurupathumma  staff    96B 10 Nov  2021 Applications
-rw-r--r--@  1 anurupathumma  staff   370K 21 Dec 14:22 Passport copy New.pdf
drwx------@  5 anurupathumma  staff   160B  2 Apr 10:45 Documents
drwx------   3 anurupathumma  staff    96B  2 Apr 17:52 Creative Cloud Files Personal Account anurupathumma@gmail.com 757E2C6D5C6387E80A495C7C@AdobeID
drwx------@ 84 anurupathumma  staff   2.6K  3 Apr 20:53 Library
drwx------+  8 anurupathumma  staff   256B 21 Apr 18:57 Downloads
drwx------@ 26 anurupathumma  staff   832B 21 Apr 19:03 Desktop
anurupathumma@192-168-1-10 ~ % ssh -i World.pem ec2-user@13.210.43.215
Warning: Identity file World.pem not accessible: No such file or directory.
ec2-user@13.210.43.215: Permission denied (publickey,gssapi-keyex,gssapi-with-mic).
anurupathumma@192-168-1-10 ~ % cd downloads
anurupathumma@192-168-1-10 downloads % ls
PayslipReport (1).pdf   PayslipReport (2).pdf   PayslipReport.pdf       World.pem
anurupathumma@192-168-1-10 downloads % ssh -i World.pem ec2-user@13.210.43.215
Last login: Sun Apr 21 09:00:40 2024 from ec2-13-239-158-4.ap-southeast-2.compute.amazonaws.com

       #_
    #_   ####_          Amazon Linux 2
   ~\_  #####\
   ~~    \###|          AL2 End of Life is 2025-06-30.
   ~~     \#/ ___
    ~~       V~' '->
     ~~~         /    A newer version of Amazon Linux is available!
       ~~._.   _/
          _/ _/        Amazon Linux 2023, GA and supported until 2028-03-15.
        _/m/'          https://aws.amazon.com/linux/amazon-linux-2023/

4 package(s) needed for security, out of 7 available
Run "sudo yum update" to apply all updates.
[ec2-user@ip-172-31-25-68 ~]$ pwd
/home/ec2-user
[ec2-user@ip-172-31-25-68 ~]$ touch file1.txt
[ec2-user@ip-172-31-25-68 ~]$ touch file2.txt
[ec2-user@ip-172-31-25-68 ~]$ touch file3.txt
[ec2-user@ip-172-31-25-68 ~]$ ls -lrth
total 72K
drwxrwxr-x 2 ec2-user ec2-user    6 Apr  6 09:45 dir1
drwxrwxr-x 2 ec2-user ec2-user    6 Apr  6 11:17 ans-repo
drwxrwxr-x 2 ec2-user ec2-user    6 Apr  6 11:17 ans-repo1
-rw-rw-r-- 1 ec2-user ec2-user    0 Apr  7 12:02 file5.txt
-rw-rw-r-- 1 ec2-user ec2-user   55 Apr  7 12:08 file3
-rw-rw-r-- 1 ec2-user ec2-user 1.8K Apr 10 12:00 1
-rw-rw-r-- 1 ec2-user ec2-user    0 Apr 10 12:11 cat file 3.txt
-rw-rw-r-- 1 ec2-user ec2-user  11K Apr 10 12:39 file4.txt
-rw-rw-r-- 1 ec2-user ec2-user 5.0K Apr 12 11:22 file.txt
-rw-rw-r-- 1 ec2-user ec2-user    0 Apr 12 11:23 test.log
-rw-rw-r-- 1 ec2-user ec2-user    0 Apr 12 11:27 vi
-rwxrwxr-x 1 ec2-user ec2-user   90 Apr 12 11:36 tesh.sh
-rwxrwxr-x 1 ec2-user ec2-user    0 Apr 12 11:37 test.sh
-rwxrwxrwx 1 ec2-user ec2-user  202 Apr 14 04:05 Anu.sh
-rw-rw-r-- 1 ec2-user ec2-user    0 Apr 14 04:22 creativesh
-rwxrwx--- 1 ec2-user ec2-user   86 Apr 14 04:24 creative.sh
-rwxrwx--- 1 ec2-user ec2-user   84 Apr 14 04:29 Anish.sh
-rwxrwx--- 1 ec2-user ec2-user  154 Apr 14 05:27 Ranjith.sh
-rwxrwx--x 1 ec2-user ec2-user  137 Apr 14 06:08 cal.sh
-rw-rw-r-- 1 ec2-user ec2-user    0 Apr 14 06:40 casesh
-rwxrwx--- 1 ec2-user ec2-user  550 Apr 14 07:44 case.sh
-rwxrwx--- 1 ec2-user ec2-user  516 Apr 14 08:23 sun.sh
-rwxrwx--- 1 ec2-user ec2-user  154 Apr 14 08:42 name.sh
-rwxrwx--- 1 ec2-user ec2-user    0 Apr 21 09:15 file1.txt
-rwxrwxr-- 1 ec2-user ec2-user 2.0K Apr 21 09:15 file2.txt
-rw-rw-r-- 1 ec2-user ec2-user 3.8K Apr 21 09:15 file3.txt
[ec2-user@ip-172-31-25-68 ~]$ useradd -d/home/mummy mummy
-bash: /usr/sbin/useradd: Permission denied
[ec2-user@ip-172-31-25-68 ~]$ sudo useradd -d/home/mummy mummy
[ec2-user@ip-172-31-25-68 ~]$ cdhome
-bash: cdhome: command not found
[ec2-user@ip-172-31-25-68 ~]$ cd/home
-bash: cd/home: No such file or directory
[ec2-user@ip-172-31-25-68 ~]$ ls -lrth
total 72K
drwxrwxr-x 2 ec2-user ec2-user    6 Apr  6 09:45 dir1
drwxrwxr-x 2 ec2-user ec2-user    6 Apr  6 11:17 ans-repo
drwxrwxr-x 2 ec2-user ec2-user    6 Apr  6 11:17 ans-repo1
-rw-rw-r-- 1 ec2-user ec2-user    0 Apr  7 12:02 file5.txt
-rw-rw-r-- 1 ec2-user ec2-user   55 Apr  7 12:08 file3
-rw-rw-r-- 1 ec2-user ec2-user 1.8K Apr 10 12:00 1
-rw-rw-r-- 1 ec2-user ec2-user    0 Apr 10 12:11 cat file 3.txt
-rw-rw-r-- 1 ec2-user ec2-user  11K Apr 10 12:39 file4.txt
-rw-rw-r-- 1 ec2-user ec2-user 5.0K Apr 12 11:22 file.txt
-rw-rw-r-- 1 ec2-user ec2-user    0 Apr 12 11:23 test.log
-rw-rw-r-- 1 ec2-user ec2-user    0 Apr 12 11:27 vi
-rwxrwxr-x 1 ec2-user ec2-user   90 Apr 12 11:36 tesh.sh
-rwxrwxr-x 1 ec2-user ec2-user    0 Apr 12 11:37 test.sh
-rwxrwxrwx 1 ec2-user ec2-user  202 Apr 14 04:05 Anu.sh
-rw-rw-r-- 1 ec2-user ec2-user    0 Apr 14 04:22 creativesh
-rwxrwx--- 1 ec2-user ec2-user   86 Apr 14 04:24 creative.sh
-rwxrwx--- 1 ec2-user ec2-user   84 Apr 14 04:29 Anish.sh
-rwxrwx--- 1 ec2-user ec2-user  154 Apr 14 05:27 Ranjith.sh
-rwxrwx--x 1 ec2-user ec2-user  137 Apr 14 06:08 cal.sh
-rw-rw-r-- 1 ec2-user ec2-user    0 Apr 14 06:40 casesh
-rwxrwx--- 1 ec2-user ec2-user  550 Apr 14 07:44 case.sh
-rwxrwx--- 1 ec2-user ec2-user  516 Apr 14 08:23 sun.sh
-rwxrwx--- 1 ec2-user ec2-user  154 Apr 14 08:42 name.sh
-rwxrwx--- 1 ec2-user ec2-user    0 Apr 21 09:15 file1.txt
-rwxrwxr-- 1 ec2-user ec2-user 2.0K Apr 21 09:15 file2.txt
-rw-rw-r-- 1 ec2-user ec2-user 3.8K Apr 21 09:15 file3.txt
[ec2-user@ip-172-31-25-68 ~]$ cd/home
-bash: cd/home: No such file or directory
[ec2-user@ip-172-31-25-68 ~]$ sudo su -
Last login: Sun Apr  7 12:14:50 UTC 2024 on pts/1
[root@ip-172-31-25-68 ~]# cd/home
-bash: cd/home: No such file or directory
[root@ip-172-31-25-68 ~]# exit
logout
[ec2-user@ip-172-31-25-68 ~]$ cd/home
-bash: cd/home: No such file or directory
[ec2-user@ip-172-31-25-68 ~]$ ls -lrth
total 72K
drwxrwxr-x 2 ec2-user ec2-user    6 Apr  6 09:45 dir1
drwxrwxr-x 2 ec2-user ec2-user    6 Apr  6 11:17 ans-repo
drwxrwxr-x 2 ec2-user ec2-user    6 Apr  6 11:17 ans-repo1
-rw-rw-r-- 1 ec2-user ec2-user    0 Apr  7 12:02 file5.txt
-rw-rw-r-- 1 ec2-user ec2-user   55 Apr  7 12:08 file3
-rw-rw-r-- 1 ec2-user ec2-user 1.8K Apr 10 12:00 1
-rw-rw-r-- 1 ec2-user ec2-user    0 Apr 10 12:11 cat file 3.txt
-rw-rw-r-- 1 ec2-user ec2-user  11K Apr 10 12:39 file4.txt
-rw-rw-r-- 1 ec2-user ec2-user 5.0K Apr 12 11:22 file.txt
-rw-rw-r-- 1 ec2-user ec2-user    0 Apr 12 11:23 test.log
-rw-rw-r-- 1 ec2-user ec2-user    0 Apr 12 11:27 vi
-rwxrwxr-x 1 ec2-user ec2-user   90 Apr 12 11:36 tesh.sh
-rwxrwxr-x 1 ec2-user ec2-user    0 Apr 12 11:37 test.sh
-rwxrwxrwx 1 ec2-user ec2-user  202 Apr 14 04:05 Anu.sh
-rw-rw-r-- 1 ec2-user ec2-user    0 Apr 14 04:22 creativesh
-rwxrwx--- 1 ec2-user ec2-user   86 Apr 14 04:24 creative.sh
-rwxrwx--- 1 ec2-user ec2-user   84 Apr 14 04:29 Anish.sh
-rwxrwx--- 1 ec2-user ec2-user  154 Apr 14 05:27 Ranjith.sh
-rwxrwx--x 1 ec2-user ec2-user  137 Apr 14 06:08 cal.sh
-rw-rw-r-- 1 ec2-user ec2-user    0 Apr 14 06:40 casesh
-rwxrwx--- 1 ec2-user ec2-user  550 Apr 14 07:44 case.sh
-rwxrwx--- 1 ec2-user ec2-user  516 Apr 14 08:23 sun.sh
-rwxrwx--- 1 ec2-user ec2-user  154 Apr 14 08:42 name.sh
-rwxrwx--- 1 ec2-user ec2-user    0 Apr 21 09:15 file1.txt
-rwxrwxr-- 1 ec2-user ec2-user 2.0K Apr 21 09:15 file2.txt
```

```
-rw-rw-r-- 1 ec2-user ec2-user 3.8K Apr 21 09:15 file3.txt
[ec2-user@ip-172-31-25-68 ~]$ sudo -d/home/baby/baby
sudo: invalid option -- 'd'
usage: sudo -h | -K | -k | -V
usage: sudo -v [-AknS] [-g group] [-h host] [-p prompt] [-u user]
usage: sudo -l [-AknS] [-g group] [-h host] [-p prompt] [-U user] [-u user] [command]
usage: sudo [-AbEHknPS] [-r role] [-t type] [-C num] [-g group] [-h host] [-p prompt] [-T timeout] [-u user] [VAR=value] [-i|-s] [<command>]
usage: sudo -e [-AknS] [-r role] [-t type] [-C num] [-g group] [-h host] [-p prompt] [-T timeout] [-u user] file ...
[ec2-user@ip-172-31-25-68 ~]$ sudo -d/home/selina selina
sudo: invalid option -- 'd'
usage: sudo -h | -K | -k | -V
usage: sudo -v [-AknS] [-g group] [-h host] [-p prompt] [-u user]
usage: sudo -l [-AknS] [-g group] [-h host] [-p prompt] [-U user] [-u user] [command]
usage: sudo [-AbEHknPS] [-r role] [-t type] [-C num] [-g group] [-h host] [-p prompt] [-T timeout] [-u user] [VAR=value] [-i|-s] [<command>]
usage: sudo -e [-AknS] [-r role] [-t type] [-C num] [-g group] [-h host] [-p prompt] [-T timeout] [-u user] file ...
[ec2-user@ip-172-31-25-68 ~]$ ls -lrth
total 72K
drwxrwxr-x 2 ec2-user ec2-user    6 Apr  6 09:45 dir1
drwxrwxr-x 2 ec2-user ec2-user    6 Apr  6 11:17 ans-repo
drwxrwxr-x 2 ec2-user ec2-user    6 Apr  6 11:17 ans-repo1
-rw-rw-r-- 1 ec2-user ec2-user    0 Apr  7 12:02 file5.txt
-rw-rw-r-- 1 ec2-user ec2-user   55 Apr  7 12:08 file3
-rw-rw-r-- 1 ec2-user ec2-user 1.8K Apr 10 12:00 1
-rw-rw-r-- 1 ec2-user ec2-user    0 Apr 10 12:11 cat file 3.txt
-rw-rw-r-- 1 ec2-user ec2-user  11K Apr 10 12:39 file4.txt
-rw-rw-r-- 1 ec2-user ec2-user 5.0K Apr 12 11:22 file.txt
-rw-rw-r-- 1 ec2-user ec2-user    0 Apr 12 11:23 test.log
-rw-rw-r-- 1 ec2-user ec2-user    0 Apr 12 11:27 vi
-rwxrwxr-x 1 ec2-user ec2-user   90 Apr 12 11:36 tesh.sh
-rwxrwxr-x 1 ec2-user ec2-user    0 Apr 12 11:37 test.sh
-rwxrwxrwx 1 ec2-user ec2-user  202 Apr 14 04:05 Anu.sh
-rw-rw-r-- 1 ec2-user ec2-user    0 Apr 14 04:22 creativesh
-rwxrwx--- 1 ec2-user ec2-user   86 Apr 14 04:24 creative.sh
-rwxrwx--- 1 ec2-user ec2-user   84 Apr 14 04:29 Anish.sh
-rwxrwx--- 1 ec2-user ec2-user  154 Apr 14 05:27 Ranjith.sh
-rwxrwx--x 1 ec2-user ec2-user  137 Apr 14 06:08 cal.sh
-rw-rw-r-- 1 ec2-user ec2-user    0 Apr 14 06:40 casesh
-rwxrwx--- 1 ec2-user ec2-user  550 Apr 14 07:44 case.sh
-rwxrwx--- 1 ec2-user ec2-user  516 Apr 14 08:23 sun.sh
-rwxrwx--- 1 ec2-user ec2-user  154 Apr 14 08:42 name.sh
-rwxrwx--- 1 ec2-user ec2-user    0 Apr 21 09:15 file1.txt
-rwxrwx--- 1 ec2-user ec2-user 2.0K Apr 21 09:15 file2.txt
-rw-rw-r-- 1 ec2-user ec2-user 3.8K Apr 21 09:15 file3.txt
[ec2-user@ip-172-31-25-68 ~]$ cd/home
-bash: cd/home: No such file or directory
[ec2-user@ip-172-31-25-68 ~]$ ls -lrth
total 72K
drwxrwxr-x 2 ec2-user ec2-user    6 Apr  6 09:45 dir1
drwxrwxr-x 2 ec2-user ec2-user    6 Apr  6 11:17 ans-repo
drwxrwxr-x 2 ec2-user ec2-user    6 Apr  6 11:17 ans-repo1
-rw-rw-r-- 1 ec2-user ec2-user    0 Apr  7 12:02 file5.txt
-rw-rw-r-- 1 ec2-user ec2-user   55 Apr  7 12:08 file3
-rw-rw-r-- 1 ec2-user ec2-user 1.8K Apr 10 12:00 1
-rw-rw-r-- 1 ec2-user ec2-user    0 Apr 10 12:11 cat file 3.txt
-rw-rw-r-- 1 ec2-user ec2-user  11K Apr 10 12:39 file4.txt
-rw-rw-r-- 1 ec2-user ec2-user 5.0K Apr 12 11:22 file.txt
-rw-rw-r-- 1 ec2-user ec2-user    0 Apr 12 11:23 test.log
-rw-rw-r-- 1 ec2-user ec2-user    0 Apr 12 11:27 vi
-rwxrwxr-x 1 ec2-user ec2-user   90 Apr 12 11:36 tesh.sh
-rwxrwxr-x 1 ec2-user ec2-user    0 Apr 12 11:37 test.sh
-rwxrwxrwx 1 ec2-user ec2-user  202 Apr 14 04:05 Anu.sh
-rw-rw-r-- 1 ec2-user ec2-user    0 Apr 14 04:22 creativesh
-rwxrwx--- 1 ec2-user ec2-user   86 Apr 14 04:24 creative.sh
-rwxrwx--- 1 ec2-user ec2-user   84 Apr 14 04:29 Anish.sh
-rwxrwx--- 1 ec2-user ec2-user  154 Apr 14 05:27 Ranjith.sh
-rwxrwx--x 1 ec2-user ec2-user  137 Apr 14 06:08 cal.sh
-rw-rw-r-- 1 ec2-user ec2-user    0 Apr 14 06:40 casesh
-rwxrwx--- 1 ec2-user ec2-user  550 Apr 14 07:44 case.sh
-rwxrwx--- 1 ec2-user ec2-user  516 Apr 14 08:23 sun.sh
-rwxrwx--- 1 ec2-user ec2-user  154 Apr 14 08:42 name.sh
-rwxrwx--- 1 ec2-user ec2-user    0 Apr 21 09:15 file1.txt
-rwxrwx--- 1 ec2-user ec2-user 2.0K Apr 21 09:15 file2.txt
-rw-rw-r-- 1 ec2-user ec2-user 3.8K Apr 21 09:15 file3.txt
[ec2-user@ip-172-31-25-68 ~]$ sudo -d/home/dad dad
sudo: invalid option -- 'd'
usage: sudo -h | -K | -k | -V
usage: sudo -v [-AknS] [-g group] [-h host] [-p prompt] [-u user]
usage: sudo -l [-AknS] [-g group] [-h host] [-p prompt] [-U user] [-u user] [command]
usage: sudo [-AbEHknPS] [-r role] [-t type] [-C num] [-g group] [-h host] [-p prompt] [-T timeout] [-u user] [VAR=value] [-i|-s] [<command>]
usage: sudo -e [-AknS] [-r role] [-t type] [-C num] [-g group] [-h host] [-p prompt] [-T timeout] [-u user] file ...
[ec2-user@ip-172-31-25-68 ~]$ sudo useradd -d/home/dad/dad
Usage: useradd [options] LOGIN
       useradd -D
       useradd -D [options]

Options:
  -b, --base-dir BASE_DIR       base directory for the home directory of the
                                new account
  -c, --comment COMMENT         GECOS field of the new account
  -d, --home-dir HOME_DIR       home directory of the new account
  -D, --defaults                print or change default useradd configuration
  -e, --expiredate EXPIRE_DATE  expiration date of the new account
  -f, --inactive INACTIVE       password inactivity period of the new account
  -g, --gid GROUP               name or ID of the primary group of the new
                                account
  -G, --groups GROUPS           list of supplementary groups of the new
                                account
  -h, --help                    display this help message and exit
  -k, --skel SKEL_DIR           use this alternative skeleton directory
  -K, --key KEY=VALUE           override /etc/login.defs defaults
  -l, --no-log-init             do not add the user to the lastlog and
                                faillog databases
  -m, --create-home             create the user's home directory
  -M, --no-create-home          do not create the user's home directory
  -N, --no-user-group           do not create a group with the same name as
                                the user
  -o, --non-unique              allow to create users with duplicate
                                (non-unique) UID
  -p, --password PASSWORD       encrypted password of the new account
  -r, --system                  create a system account
  -R, --root CHROOT_DIR         directory to chroot into
  -s, --shell SHELL             login shell of the new account
  -u, --uid UID                 user ID of the new account
  -U, --user-group              create a group with the same name as the user
  -Z, --selinux-user SEUSER     use a specific SEUSER for the SELinux user mapping

[ec2-user@ip-172-31-25-68 ~]$ ls -lrth
total 72K
drwxrwxr-x 2 ec2-user ec2-user    6 Apr  6 09:45 dir1
drwxrwxr-x 2 ec2-user ec2-user    6 Apr  6 11:17 ans-repo
drwxrwxr-x 2 ec2-user ec2-user    6 Apr  6 11:17 ans-repo1
-rw-rw-r-- 1 ec2-user ec2-user    0 Apr  7 12:02 file5.txt
-rw-rw-r-- 1 ec2-user ec2-user   55 Apr  7 12:08 file3
-rw-rw-r-- 1 ec2-user ec2-user 1.8K Apr 10 12:00 1
-rw-rw-r-- 1 ec2-user ec2-user    0 Apr 10 12:11 cat file 3.txt
-rw-rw-r-- 1 ec2-user ec2-user  11K Apr 10 12:39 file4.txt
-rw-rw-r-- 1 ec2-user ec2-user 5.0K Apr 12 11:22 file.txt
-rw-rw-r-- 1 ec2-user ec2-user    0 Apr 12 11:23 test.log
-rw-rw-r-- 1 ec2-user ec2-user    0 Apr 12 11:27 vi
-rwxrwxr-x 1 ec2-user ec2-user   90 Apr 12 11:36 tesh.sh
-rwxrwxr-x 1 ec2-user ec2-user    0 Apr 12 11:37 test.sh
-rwxrwxrwx 1 ec2-user ec2-user  202 Apr 14 04:05 Anu.sh
-rw-rw-r-- 1 ec2-user ec2-user    0 Apr 14 04:22 creativesh
-rwxrwx--- 1 ec2-user ec2-user   86 Apr 14 04:24 creative.sh
-rwxrwx--- 1 ec2-user ec2-user   84 Apr 14 04:29 Anish.sh
-rwxrwx--- 1 ec2-user ec2-user  154 Apr 14 05:27 Ranjith.sh
-rwxrwx--x 1 ec2-user ec2-user  137 Apr 14 06:08 cal.sh
-rw-rw-r-- 1 ec2-user ec2-user    0 Apr 14 06:40 casesh
-rwxrwx--- 1 ec2-user ec2-user  550 Apr 14 07:44 case.sh
-rwxrwx--- 1 ec2-user ec2-user  516 Apr 14 08:23 sun.sh
-rwxrwx--- 1 ec2-user ec2-user  154 Apr 14 08:42 name.sh
-rwxrwx--- 1 ec2-user ec2-user    0 Apr 21 09:15 file1.txt
-rwxrwx--- 1 ec2-user ec2-user 2.0K Apr 21 09:15 file2.txt
-rw-rw-r-- 1 ec2-user ec2-user 3.8K Apr 21 09:15 file3.txt
[ec2-user@ip-172-31-25-68 ~]$ cd/home
-bash: cd/home: No such file or directory
[ec2-user@ip-172-31-25-68 ~]$ sudo cd /home
[ec2-user@ip-172-31-25-68 ~]$ cd /home
[ec2-user@ip-172-31-25-68 home]$ sudo su-
```

```
sudo: su-: command not found
[ec2-user@ip-172-31-25-68 home]$ sudo su -
Last login: Sun Apr 21 09:20:14 UTC 2024 on pts/1
[root@ip-172-31-25-68 ~]# useradd -d/home/dad/dad
Usage: useradd [options] LOGIN
       useradd -D
       useradd -D [options]

Options:
  -b, --base-dir BASE_DIR       base directory for the home directory of the
                                new account
  -c, --comment COMMENT         GECOS field of the new account
  -d, --home-dir HOME_DIR       home directory of the new account
  -D, --defaults                print or change default useradd configuration
  -e, --expiredate EXPIRE_DATE  expiration date of the new account
  -f, --inactive INACTIVE       password inactivity period of the new account
  -g, --gid GROUP               name or ID of the primary group of the new
                                account
  -G, --groups GROUPS           list of supplementary groups of the new
                                account
  -h, --help                    display this help message and exit
  -k, --skel SKEL_DIR           use this alternative skeleton directory
  -K, --key KEY=VALUE           override /etc/login.defs defaults
  -l, --no-log-init             do not add the user to the lastlog and
                                faillog databases
  -m, --create-home             create the user's home directory
  -M, --no-create-home          do not create the user's home directory
  -N, --no-user-group           do not create a group with the same name as
                                the user
  -o, --non-unique              allow to create users with duplicate
                                (non-unique) UID
  -p, --password PASSWORD       encrypted password of the new account
  -r, --system                  create a system account
  -R, --root CHROOT_DIR         directory to chroot into
  -s, --shell SHELL             login shell of the new account
  -u, --uid UID                 user ID of the new account
  -U, --user-group              create a group with the same name as the user
  -Z, --selinux-user SEUSER     use a specific SEUSER for the SELinux user mapping

[root@ip-172-31-25-68 ~]# ls -lrth
total 0
-rw-r--r-- 1 root root 0 Apr  7 12:01 file.txt
[root@ip-172-31-25-68 ~]# chmod 400 file.txt
[root@ip-172-31-25-68 ~]# exit
logout
[ec2-user@ip-172-31-25-68 home]$ sudo useradd -d/home/dad dad
[ec2-user@ip-172-31-25-68 home]$ ls -lrth
total 4.0K
drwx------ 2 Anish    Anish      83 Apr  6 10:34 Anish
drwx------ 2 Cathy    Cathy      83 Apr  6 10:39 Cathy
drwx------ 3 Anu      Anu        93 Apr  6 11:22 Anu
drwx------ 2 Virat    Virat      62 Apr  6 11:26 Virat
drwx------ 2 Kranthi  Kranthi    83 Apr  7 12:11 Kranthi
drwx------ 6 ec2-user ec2-user 4.0K Apr 14 08:42 ec2-user
drwx------ 2 mummy    mummy      62 Apr 21 09:19 mummy
drwx------ 2 dad      dad        62 Apr 21 09:25 dad
[ec2-user@ip-172-31-25-68 home]$ sudo usermod -G preet dad
usermod: group 'preet' does not exist
[ec2-user@ip-172-31-25-68 home]$ sudo groupadd preet
[ec2-user@ip-172-31-25-68 home]$ -s -lrth
-bash: -s: command not found
[ec2-user@ip-172-31-25-68 home]$ ls -lrth
total 4.0K
drwx------ 2 Anish    Anish      83 Apr  6 10:34 Anish
drwx------ 2 Cathy    Cathy      83 Apr  6 10:39 Cathy
drwx------ 3 Anu      Anu        93 Apr  6 11:22 Anu
drwx------ 2 Virat    Virat      62 Apr  6 11:26 Virat
drwx------ 2 Kranthi  Kranthi    83 Apr  7 12:11 Kranthi
drwx------ 6 ec2-user ec2-user 4.0K Apr 14 08:42 ec2-user
drwx------ 2 mummy    mummy      62 Apr 21 09:19 mummy
drwx------ 2 dad      dad        62 Apr 21 09:25 dad
[ec2-user@ip-172-31-25-68 home]$ sudo usermod -G preet dad
[ec2-user@ip-172-31-25-68 home]$ cat
exit
exit
^C
[ec2-user@ip-172-31-25-68 home]$ cat dad
cat: dad: Permission denied
[ec2-user@ip-172-31-25-68 home]$ sudo cat dad
cat: dad: Is a directory
[ec2-user@ip-172-31-25-68 home]$ cat dad
cat: dad: Permission denied
[ec2-user@ip-172-31-25-68 home]$ cat dad.txt
cat: dad.txt: No such file or directory
[ec2-user@ip-172-31-25-68 home]$ cat file.txt
cat: file.txt: No such file or directory
[ec2-user@ip-172-31-25-68 home]$ groups
ec2-user adm systemd-journal
[ec2-user@ip-172-31-25-68 home]$ cd/home
-bash: cd/home: No such file or directory
[ec2-user@ip-172-31-25-68 home]$ ls -lrth
total 4.0K
drwx------ 2 Anish    Anish      83 Apr  6 10:34 Anish
drwx------ 2 Cathy    Cathy      83 Apr  6 10:39 Cathy
drwx------ 3 Anu      Anu        93 Apr  6 11:22 Anu
drwx------ 2 Virat    Virat      62 Apr  6 11:26 Virat
drwx------ 2 Kranthi  Kranthi    83 Apr  7 12:11 Kranthi
drwx------ 6 ec2-user ec2-user 4.0K Apr 14 08:42 ec2-user
drwx------ 2 mummy    mummy      62 Apr 21 09:19 mummy
drwx------ 2 dad      dad        62 Apr 21 09:25 dad
[ec2-user@ip-172-31-25-68 home]$ groups
ec2-user adm systemd-journal
[ec2-user@ip-172-31-25-68 home]$ sudo su - dad
[dad@ip-172-31-25-68 ~]$ groups
dad preet
[dad@ip-172-31-25-68 ~]$ client_loop: send disconnect: Broken pipe
anurupathumma@192-168-1-10 downloads % ls
PayslipReport (1).pdf   PayslipReport (2).pdf   PayslipReport.pdf      World.pem
anurupathumma@192-168-1-10 downloads % cd downloads
cd: no such file or directory: downloads
anurupathumma@192-168-1-10 downloads % ls
PayslipReport (1).pdf   PayslipReport (2).pdf   PayslipReport.pdf      World.pem
anurupathumma@192-168-1-10 downloads % ssh -i World.pem ec2-user@13.210.43.215
Last login: Tue Apr 23 10:55:42 2024 from ec2-13-239-158-4.ap-southeast-2.compute.amazonaws.com
    ,     #_
```

```
4 package(s) needed for security, out of 7 available
Run "sudo yum update" to apply all updates.
[ec2-user@ip-172-31-25-68 ~]$ pwd
/home/ec2-user
[ec2-user@ip-172-31-25-68 ~]$ ls
1          ans-repo   Anu.sh  casesh   cat file 3.txt  creative.sh  file1.txt  file3      file4.txt  file.txt  Ranjith.sh  tesh.sh   test.sh
Anish.sh  ans-repo1  cal.sh  case.sh  creativesh      dir1         file2.txt  file3.txt  file5.txt  name.sh   sun.sh      test.log  vi
[ec2-user@ip-172-31-25-68 ~]$ vi case.sh
[ec2-user@ip-172-31-25-68 ~]$ vi case.sh
```

```bash
#!/bin/bash
validate(){
val=$1

      if [ $val==0 ]
      then
             echo "executed successfully"

          else

             echo "failed"
      fi

 }

install(){
       echo $1
       sudo yum install -y $1
       validate $?
}

start(){
       sudo service $1 start
       validate $?
}

stop(){
       sudo service $1 stop
       validate $?
}

status(){
        service $1 status
        validate $?
}

case $1 in

       install) install $2;;
       start) start $2;;
       stop) stop $2;;
       status) status $2;;
       *)echo "pass a valid value";;
esac

#/case.sh  status docker
~
~
~
~
~
~
~
~
~
~
~
~
~
~
~
~
~
```
"case.sh" 46L, 550B   37,10   All