

```

ubuntu@ubuntu:~$ pwd
/home/ubuntu
ubuntu@ubuntu:~$ $pwd
ubuntu@ubuntu:~$ echo $pwd

ubuntu@ubuntu:~$ echo pwd
pwd
ubuntu@ubuntu:~$ mkdir b22040512
ubuntu@ubuntu:~$ ls
b22040512 Desktop Documents Downloads Music Pictures Public snap Templates Videos
ubuntu@ubuntu:~$ cd b22040512
ubuntu@ubuntu:~/b22040512$ ls
ubuntu@ubuntu:~/b22040512$ mkdir yanggang
ubuntu@ubuntu:~/b22040512$ ls
yanggang
ubuntu@ubuntu:~/b22040512$ rmdir yanggang
ubuntu@ubuntu:~/b22040512$ ls
ubuntu@ubuntu:~/b22040512$ █

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ubuntu@ubuntu:~/b22040512$ cd ~
ubuntu@ubuntu:~$ ls
b22040512 Desktop Documents Downloads Music Pictures Public snap Templates Videos
ubuntu@ubuntu:~$ touch yanggang.txt
ubuntu@ubuntu:~$ ls
b22040512 Desktop Documents Downloads Music Pictures Public snap Templates Videos yanggang.txt
ubuntu@ubuntu:~$ echo "hello world" > yanggang.txt
ubuntu@ubuntu:~$ cat yanggang.txt
ubuntu@ubuntu:~$ nano yanggang.txt
ubuntu@ubuntu:~$ echo "hello world">yanggang.txt
ubuntu@ubuntu:~$ cat yanggang.txt
hello world
ubuntu@ubuntu:~$ cp yanggang.txt yanggang2.txt
ubuntu@ubuntu:~$ mv yanggang.txt b22040512.txt
ubuntu@ubuntu:~$ ls
b22040512 Desktop Downloads Pictures snap Videos yanggang.txt
b22040512.txt Documents Music Public Templates yanggang2.txt

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root@ubuntu:/home/ubuntu# groupdel b22040512
root@ubuntu:/home/ubuntu# adduser b22040512
Adding user 'b22040512' ...
Adding new group 'b22040512' (1000) ...
Adding new user 'b22040512' (1000) with group 'b22040512' ...
Creating home directory '/home/b22040512' ...
Copying files from '/etc/skel' ...
New password:
BAD PASSWORD: The password fails the dictionary check - it is too simplistic/systematic
Retype new password:
Sorry, passwords do not match.
New password:
BAD PASSWORD: The password is shorter than 8 characters
Retype new password:
Sorry, passwords do not match.
New password:
BAD PASSWORD: The password fails the dictionary check - it is too simplistic/systematic
Retype new password:
Sorry, passwords do not match.
passwd: Have exhausted maximum number of retries for service
passwd: password unchanged
Try again? [y/N] y
New password:
Retype new password:
passwd: password updated successfully
Changing the user information for b22040512
Enter the new value, or press ENTER for the default
Full Name []: yg
Room Number []: 1
Work Phone []:
Home Phone []:
Other []:
Is the information correct? [Y/n]
root@ubuntu:/home/ubuntu#
root@ubuntu:/home/ubuntu# usermod -g student b22040512
root@ubuntu:/home/ubuntu# su b22040512
b22040512@ubuntu:/home/ubuntu$ cd ~
b22040512@ubuntu:~$ touch yg.txt
b22040512@ubuntu:~$ ls -l
total 0
-rw-r--r-- 1 b22040512 student 0 Oct 14 02:54 yg.txt
b22040512@ubuntu:~$ ls
yg.txt
b22040512@ubuntu:~$ █

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root@ubuntu:/home/ubuntu# whoami
Command 'whoami' not found, did you mean:
  command 'whoami' from deb coreutils (8.32-4.1ubuntu1.2)
Try: apt install <deb name>
root@ubuntu:/home/ubuntu# whoami
root
root@ubuntu:/home/ubuntu# adduser -g student b22040512
Option g is ambiguous (gecos, gid, group)
adduser [--home DIR] [--shell SHELL] [--no-create-home] [--uid ID]
[--firstuid ID] [--lastuid ID] [--gecos GECOS] [--ingroup GROUP | --gid ID]
[--disabled-password] [--disabled-login] [--add_extra_groups]
[--encrypt-home] USER
    Add a normal user

adduser --system [--home DIR] [--shell SHELL] [--no-create-home] [--uid ID]
[--gecos GECOS] [--group | --ingroup GROUP | --gid ID] [--disabled-password]
[--disabled-login] [--add_extra_groups] USER
    Add a system user

adduser --group [--gid ID] GROUP
addgroup [--gid ID] GROUP
    Add a user group

addgroup --system [--gid ID] GROUP
    Add a system group

adduser USER GROUP
    Add an existing user to an existing group

general options:
  --quiet | -q      don't give process information to stdout
  --force-badname   allow usernames which do not match the
                    NAME_REGEX[_SYSTEM] configuration variable
  --extrausers      uses extra users as the database
  --help | -h       usage message
  --version | -v    version number and copyright
  --conf | -c FILE  use FILE as configuration file

Trash ubuntu:/home/ubuntu# adduser b22040512
adduser: The group 'b22040512' already exists.
root@ubuntu:/home/ubuntu# usermod -g student b22040512
usermod: user 'b22040512' does not exist
root@ubuntu:/home/ubuntu# adduser B22040512
adduser: Please enter a username matching the regular expression configured

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b22040512@ubuntu:~$ chmod 777 demo
b22040512@ubuntu:~$ ls -l
total 0
-rwxrwxrwx 1 b22040512 student 0 Oct 14 02:56 demo
-rw-r--r-- 1 b22040512 student 0 Oct 14 02:54 yg.txt
b22040512@ubuntu:~$ ls -l demo
-rwxrwxrwx 1 b22040512 student 0 Oct 14 02:56 demo
b22040512@ubuntu:~$ chmod a-x demo
b22040512@ubuntu:~$ ls -l demo
-rw-rw-rw- 1 b22040512 student 0 Oct 14 02:56 demo
b22040512@ubuntu:~$ chmod go-w demo
b22040512@ubuntu:~$ ls -l demo
-rw-r--r-- 1 b22040512 student 0 Oct 14 02:56 demo
b22040512@ubuntu:~$ chmod g+w demo
b22040512@ubuntu:~$ ls -l demo
-rw-rw-r-- 1 b22040512 student 0 Oct 14 02:56 demo
b22040512@ubuntu:~$ chmod a- demo
b22040512@ubuntu:~$ ls -l demo
-rw-rw-r-- 1 b22040512 student 0 Oct 14 02:56 demo
b22040512@ubuntu:~$ chmod a= demo
b22040512@ubuntu:~$ ls -l demo
----- 1 b22040512 student 0 Oct 14 02:56 demo
b22040512@ubuntu:~$ chmod +t demo
b22040512@ubuntu:~$ ls -l demo
-----T 1 b22040512 student 0 Oct 14 02:56 demo
b22040512@ubuntu:~$ chmod u+s demo
b22040512@ubuntu:~$ ls -l demo
---S-----T 1 b22040512 student 0 Oct 14 02:56 demo
b22040512@ubuntu:~$ chmod u+rx demo
b22040512@ubuntu:~$ ls -l demo
-r-s-----T 1 b22040512 student 0 Oct 14 02:56 demo
b22040512@ubuntu:~$ chmod g+rws demo
b22040512@ubuntu:~$ ls -l demo
-r-srws--T 1 b22040512 student 0 Oct 14 02:56 demo
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b22040512@ubuntu:~$ ls -l
total 8
-rw-r--r-- 1 b22040512 student 45 Oct 14 03:04 backup.tar
-rw-r--r-- 1 b22040512 student 282 Oct 14 03:14 backup.tar.gz
-r-srwS--T 1 b22040512 student 0 Oct 14 02:56 demo
drwxr-xr-x 2 b22040512 student 120 Oct 14 03:12 others
-rw-r--r-- 1 b22040512 student 0 Oct 14 02:54 yg.txt
b22040512@ubuntu:~$ tar -xzf backup.tar.gz
others/
others/backup.tar.gz
others/backup.tar
others/tc2.txt
others/tc1.txt
b22040512@ubuntu:~$ ls -l
total 8
-rw-r--r-- 1 b22040512 student 45 Oct 14 03:04 backup.tar
-rw-r--r-- 1 b22040512 student 282 Oct 14 03:14 backup.tar.gz
-r-srwS--T 1 b22040512 student 0 Oct 14 02:56 demo
drwxr-xr-x 2 b22040512 student 120 Oct 14 03:12 others
-rw-r--r-- 1 b22040512 student 0 Oct 14 02:54 yg.txt
b22040512@ubuntu:~$ nano textfile.txt
b22040512@ubuntu:~$ nano textfilel.txt
b22040512@ubuntu:~$ rmdir textfilel.txt
rmdir: failed to remove 'textfilel.txt': No such file or directory
b22040512@ubuntu:~$ rm textfilel.txt
rm: cannot remove 'textfilel.txt': No such file or directory
b22040512@ubuntu:~$ ls
backup.tar backup.tar.gz demo others textfile.txt yg.txt
b22040512@ubuntu:~$ nano textfile.txt
b22040512@ubuntu:~$ grep '^n' textfile
grep: textfile: No such file or directory
b22040512@ubuntu:~$ grep '^n' textfile.txt
no, I study in njupt.
b22040512@ubuntu:~$
b22040512@ubuntu:~$ grep '\.00$' textfile.txt
this Line ends with .00
He is 15.It is 16.00
b22040512@ubuntu:~$ grep 'S\..' textfile.txt
b22040512@ubuntu:~$ grep '^[wy]' textfile.txt
wy is the short of my name.
b22040512@ubuntu:~$

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