

```
mavy@mavy-virtual-machine:~$ pwd
/home/mavy
mavy@mavy-virtual-machine:~$ mkdir B22040505
mavy@mavy-virtual-machine:~$ cd B22040505
mavy@mavy-virtual-machine:~/B22040505$ mkdir 马威
mavy@mavy-virtual-machine:~/B22040505$ ls
马威
```

```
mavy@mavy-virtual-machine:~/B22040505$ rmdir 马威
mavy@mavy-virtual-machine:~/B22040505$ ls
mavy@mavy-virtual-machine:~/B22040505$ cd
mavy@mavy-virtual-machine:~$ touch 马威.txt
mavy@mavy-virtual-machine:~$ ls
公共的 模板 图片 下载 桌面 B22040505 greet.sh
马威.txt 视频 文档 音乐 archlab-handout GetQzonehistory snap
```

```
mavy@mavy-virtual-machine:~$ echo "hello world">马威.txt
mavy@mavy-virtual-machine:~$ cat 马威.txt
hello world
mavy@mavy-virtual-machine:~$ cp 马威.txt 马威2.txt
mavy@mavy-virtual-machine:~$ mv 马威.txt B22040505.txt
mavy@mavy-virtual-machine:~$ ls
公共的 视频 下载 archlab-handout GetQzonehistory
马威2.txt 图片 音乐 B22040505 greet.sh
模板 文档 桌面 B22040505.txt snap
mavy@mavy-virtual-machine:~$
```

```
mavy@mavy-virtual-machine:~$ whoami
mavy
mavy@mavy-virtual-machine:~$ sudo su root
[sudo] mavy 的密码:
root@mavy-virtual-machine:/home/mavy# groupadd student
root@mavy-virtual-machine:/home/mavy# whoami
root
root@mavy-virtual-machine:/home/mavy# adduser b22040505
Adding user `b22040505' ...
Adding new group `b22040505' (1002) ...
Adding new user `b22040505' (1001) with group `b22040505'
Creating home directory `/home/b22040505' ...
Copying files from `/etc/skel' ...
New password:
BAD PASSWORD: The password is shorter than 8 characters
Retype new password:
passwd: password updated successfully
Changing the user information for b22040505
```

```
Enter the new value, or press ENTER for the default
    Full Name []:
    Room Number []:
    Work Phone []:
    Home Phone []:
    Other []:
Is the information correct? [Y/n] y
root@mavy-virtual-machine:/home/mavy# su b22040505
b22040505@mavy-virtual-machine:/home/mavy$ cd
b22040505@mavy-virtual-machine:~$ touch 马威.txt
Command 'touch' not found, did you mean:
  command 'touch' from deb coreutils (8.32-4.1ubuntu1.2)
Try: apt install <deb name>
b22040505@mavy-virtual-machine:~$ touch 马威.txt
b22040505@mavy-virtual-machine:~$ ls -l
total 0
-rw-rw-r-- 1 b22040505 b22040505 0 12月 27 21:05 马威.txt
```



```

b22040505@mavy-virtual-machine:~$ touch demo
b22040505@mavy-virtual-machine:~$ chmod 777 demo
b22040505@mavy-virtual-machine:~$ chmod a-x demo
b22040505@mavy-virtual-machine:~$ chmod go-x demo
b22040505@mavy-virtual-machine:~$ chmod g+x demo
b22040505@mavy-virtual-machine:~$ chmod a= demo
b22040505@mavy-virtual-machine:~$ chmod +t demo
b22040505@mavy-virtual-machine:~$ chmod u+s demo
b22040505@mavy-virtual-machine:~$ chmod u+rx demo
b22040505@mavy-virtual-machine:~$ chmod g+rws demo
b22040505@mavy-virtual-machine:~$ ls -l demo
-r-srws--T 1 b22040505 b22040505 0 12月 27 21:06 demo
b22040505@mavy-virtual-machine:~$ mkdir oehers
b22040505@mavy-virtual-machine:~$ cd others
bash: cd: others: No such file or directory
b22040505@mavy-virtual-machine:~$ cd oehers
b22040505@mavy-virtual-machine:~/oehers$ touch file1
b22040505@mavy-virtual-machine:~/oehers$ touch file2
b22040505@mavy-virtual-machine:~/oehers$ cd ..
b22040505@mavy-virtual-machine:~$ tar -czvf backup.tar.gz oehers
oehers/
oehers/file2
oehers/file1

```

```

b22040505@mavy-virtual-machine:~$ ls -l
total 8
-rw-rw-r-- 1 b22040505 b22040505 0 12月 27 21:05 马威.txt
-rw-rw-r-- 1 b22040505 b22040505 159 12月 27 21:10 backup.tar.gz
-r-srws--T 1 b22040505 b22040505 0 12月 27 21:06 demo
drwxrwxr-x 2 b22040505 b22040505 4096 12月 27 21:09 oehers
b22040505@mavy-virtual-machine:~$ touch textfile
b22040505@mavy-virtual-machine:~$ vim textfile
Command 'vim' not found, but can be installed with:
apt install vim # version 2:8.2.3995-1ubuntu2.19, or
apt install vim-tiny # version 2:8.2.3995-1ubuntu2.19
apt install neovim # version 0.6.1-3
apt install vim-athena # version 2:8.2.3995-1ubuntu2.19
apt install vim-gtk3 # version 2:8.2.3995-1ubuntu2.19
apt install vim-nox # version 2:8.2.3995-1ubuntu2.19
Ask your administrator to install one of them.
b22040505@mavy-virtual-machine:~$ grep '^n' textfile
b22040505@mavy-virtual-machine:~$ grep '\.00$' textfile
b22040505@mavy-virtual-machine:~$ grep '5\..' textfile
b22040505@mavy-virtual-machine:~$ grep '^[wy]' textfile

```