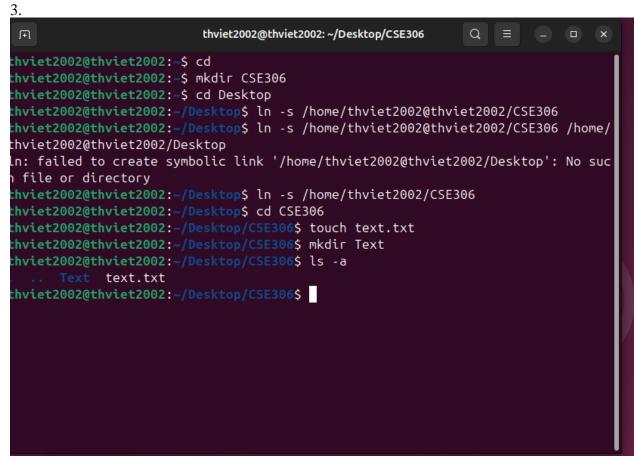


```
thviet2002@thviet2002:~$ cd
thviet2002@thviet2002:~$ mkdir CSE306
thviet2002@thviet2002:~$ cd Desktop
thviet2002@thviet2002:~/Desktop$ ln -s /home/thviet2002@thviet2002/CSE306
thviet2002@thviet2002:~/Desktop$ ln -s /home/thviet2002@thviet2002/CSE306 /home/
thviet2002@thviet2002/Desktop
ln: failed to create symbolic link '/home/thviet2002@thviet2002/Desktop': No suc
h file or directory
thviet2002@thviet2002:~/Desktop$ ln -s /home/thviet2002/CSE306
thviet2002@thviet2002:~/Desktop$
```

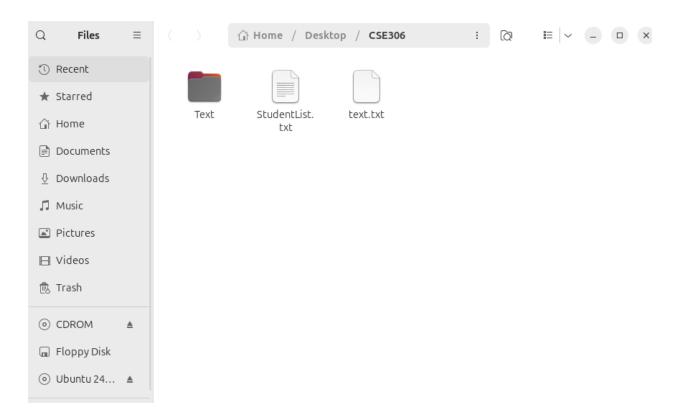




```
4.
thviet2002@thviet2002:~/Desktop/CSE306$ touch text.txt
thviet2002@thviet2002:~/Desktop/CSE306$ mkdir Text
thviet2002@thviet2002:~/Desktop/CSE306$ ls -a
... Text text.txt
thviet2002@thviet2002:~/Desktop/CSE306$ touch Grade.txt
thviet2002@thviet2002:~/Desktop/CSE306$ nano ~/CSE306/Grade.txt
thviet2002@thviet2002:~/Desktop/CSE306$
```

Open \vee			Grade.txt ~/CSE306	≡	- 0	x
Hai	6	5				
Minh	7	9				
Huynh	10	8				
Ngoc	7	9				
Ngan	4	8				

```
thviet2002@thviet2002:~/Desktop/CSE306$ touch Grade.txt
thviet2002@thviet2002:~/Desktop/CSE306$ nano ~/CSE306/Grade.txt
thviet2002@thviet2002:~/Desktop/CSE306$ mv Grade.txt StudentList.txt
thviet2002@thviet2002:~/Desktop/CSE306$
```



```
help: usage: help [-dms] [pattern ...]

thviet2002@thviet2002:~/Desktop/CSE306$ sort -r StudentList.txt

Ngoc 7 9

Ngan 4 8

Minh 7 9

Huynh 10 8

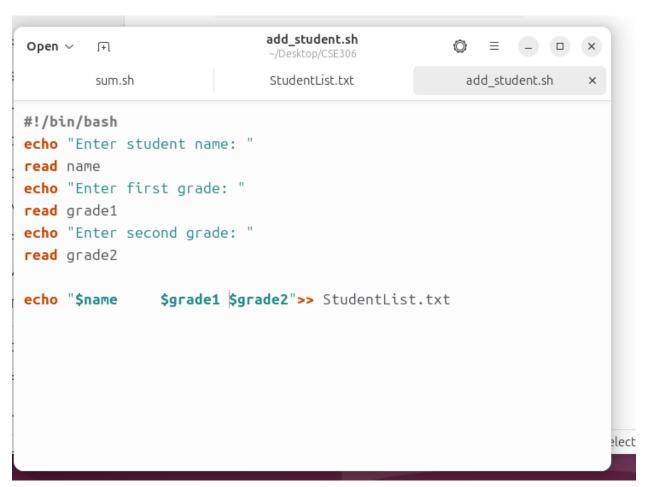
Hai 6 5

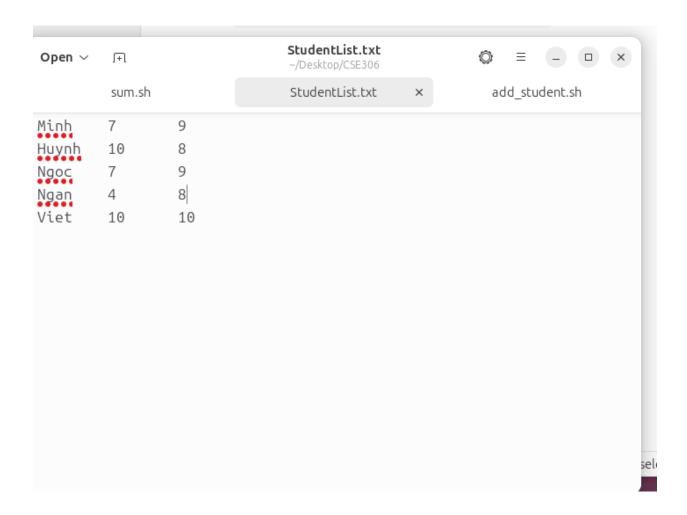
thviet2002@thviet2002:~/Desktop/CSE306$
```

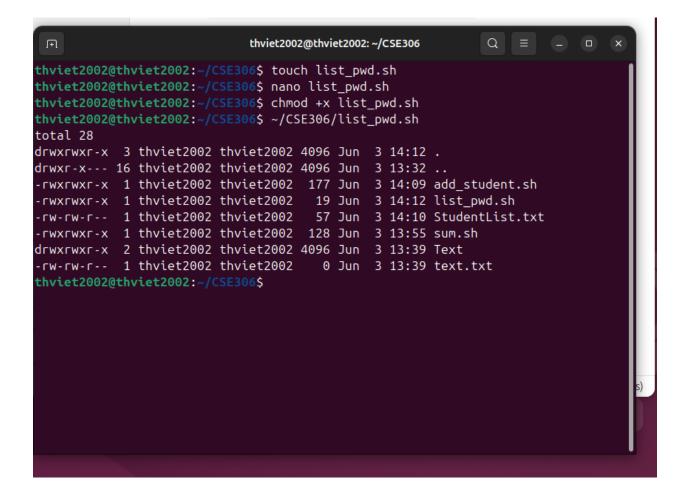
```
Hai 6 5
thviet2002@thviet2002:~/Desktop/CSE306$ touch sum.sh
thviet2002@thviet2002:~/Desktop/CSE306$ nano sum.sh
thviet2002@thviet2002:~/Desktop/CSE306$
```

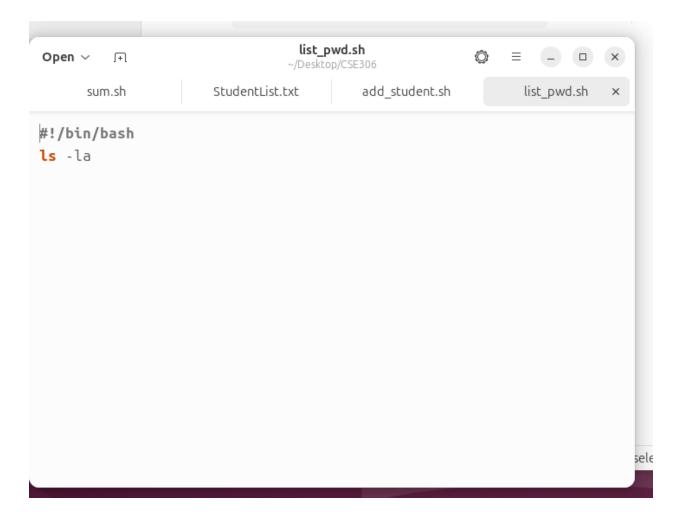
```
thviet2002@thviet2002:~/besktop/CSE306$ nano sum.sh
thviet2002@thviet2002:~/Desktop/CSE306$ chmod +x CSE306/sum.sh
chmod: cannot access 'CSE306/sum.sh': No such file or directory
thviet2002@thviet2002:~/Desktop/CSE306$ chmox +x ~/CSE306/sum.sh
Command 'chmox' not found, did you mean:
    command 'chmod' from deb coreutils (9.4-2ubuntu2)
Try: sudo apt install <deb name>
thviet2002@thviet2002:~/Desktop/CSE306$ chmod +x ~/CSE306/sum.sh
thviet2002@thviet2002:~/Desktop/CSE306$ sum.sh 3 5
sum.sh: command not found
thviet2002@thviet2002:~/Desktop/CSE306$ ~/CSE306/sum.sh 3 5
Enter first number:
3
Enter second number:
5
Sum is: 8
thviet2002@thviet2002:~/Desktop/CSE306$
```

```
thviet2002@thviet2002:~/CSE306$ touch add_student.sh
thviet2002@thviet2002:~/CSE306$ chmod +x add_student.sh
thviet2002@thviet2002:~/CSE306$ add_student.sh
add_student.sh: command not found
thviet2002@thviet2002:~/CSE306$ ~/CSE306/add_student.sh
Enter student name:
Viet
Enter first grade:
10
Enter second grade:
10
```









```
thviet2002@thviet2002:~/CSE306$ ~/CSE306/list_dir.sh
Enter directory path:
CSE306
Directory CSE306 does not exist
thviet2002@thviet2002:~/CSE306$ ~/CSE306/list_dir.sh
Enter directory path:
/home/thviet2002/Documents
total 8
drwxr-xr-x 2 thviet2002 thviet2002 4096 May 28 13:02 .
drwxr-x--- 16 thviet2002 thviet2002 4096 Jun 3 13:32 ..
Directory written to log
thviet2002@thviet2002:~/CSE306$
```

```
//CSE306
Directory ~/CSE306 does not exist
thviet2002@thviet2002:~/CSE306$ ~/CSE306/list_exe.sh
Enter directory path:
/home/thviet2002/CSE306
/home/thviet2002/CSE306/list_exe.sh
/home/thviet2002/CSE306/sum.sh
/home/thviet2002/CSE306/add_student.sh
/home/thviet2002/CSE306/list_pwd.sh
/home/thviet2002/CSE306/list_dir.sh
thviet2002@thviet2002:~/CSE306$
```

```
/home/thviet2002/CSE306/list_pwd.sh
/home/thviet2002/CSE306/list_dir.sh
thviet2002@thviet2002:~/CSE306$ nano search_user.sh
thviet2002@thviet2002:~/CSE306$ chmod +x search_user.sh
thviet2002@thviet2002:~/CSE306$ ~/CSE306/search_user.sh
Enter username to search:
thviet2002
User thviet2002 exists
thviet2002@thviet2002:~/CSE306$
```

```
: □ □
                        search_user.sh
 ~/CSE306
       list_dir.sh
                         list_exe.sh
                                          search_user.sh
                                                           list_pwd.sh
  #!/bin/bash
 echo "Enter username to search: "
  read username
if grep -q "^$username:" /etc/passwd; then
  echo "User $username exists"
 else
 echo "$username does not exist"
  fi
                                                        elected (174 by
```

```
/home/thviet2002/CSE306/list_pwd.sh
/home/thviet2002/CSE306/list_dir.sh
thviet2002@thviet2002:~/CSE306$ nano search_user.sh
thviet2002@thviet2002:~/CSE306$ chmod +x search_user.sh
thviet2002@thviet2002:~/CSE306$ ~/CSE306/search_user.sh
Enter username to search:
thviet2002
User thviet2002 exists
thviet2002@thviet2002:~/CSE306$ nano check file.sh
thviet2002@thviet2002:~/CSE306$ chmod +x check_file.sh
thviet2002@thviet2002:~/CSE306$ ~/CSE306/check file.sh
Enter file path:
~CSE306/search user.sh
the file ~CSE306/search_user.sh does not exist
thviet2002@thviet2002:~/CSE306$ ~/CSE306/check file.sh
Enter file path:
check_file.sh
the file check file.sh exists and is writeable
thviet2002@thviet2002:~/CSE306$
```

